

*California Department of Transportation
Division of Maintenance*

Structure Maintenance and Investigations

B_{RIDGE}

I_{NSPECTION}

R_{ECORDS}

I_{NFORMATION}

S_{YSTEM}

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Records for “Confidential” bridges may only be released outside the Department of Transportation upon execution of a confidentiality agreement.



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
06	Fre	99	23 3/50 7	123	133

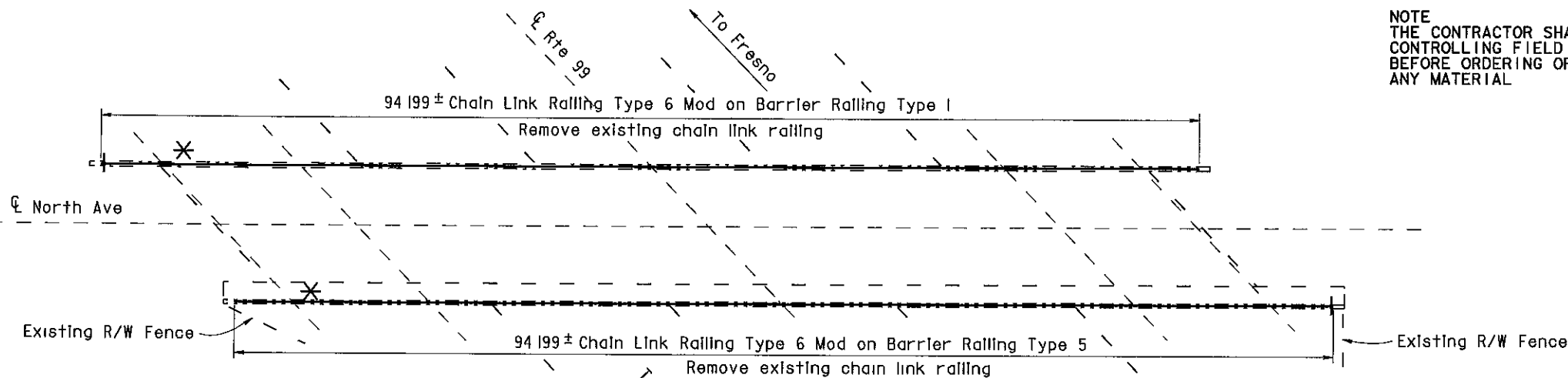
10/3/00
REGISTERED CIVIL ENGINEER

11-13-00
PLANS APPROVAL DATE

DIOSDADO ACOPA
No 52003
Exp 12-31-02
CIVIL
STATE OF CALIFORNIA

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NOTE
THE CONTRACTOR SHALL VERIFY ALL
CONTROLLING FIELD DIMENSIONS
BEFORE ORDERING OR FABRICATING
ANY MATERIAL



- * Note:
The addition of a 1/4" x 3" x 20' cover plate to all bridge railing except at Cosmos Playground POC.
- * See sheet 130/133 for details.

NORTH AVENUE OC

Br No 42-0210, Fre, KP 27 8
I 250



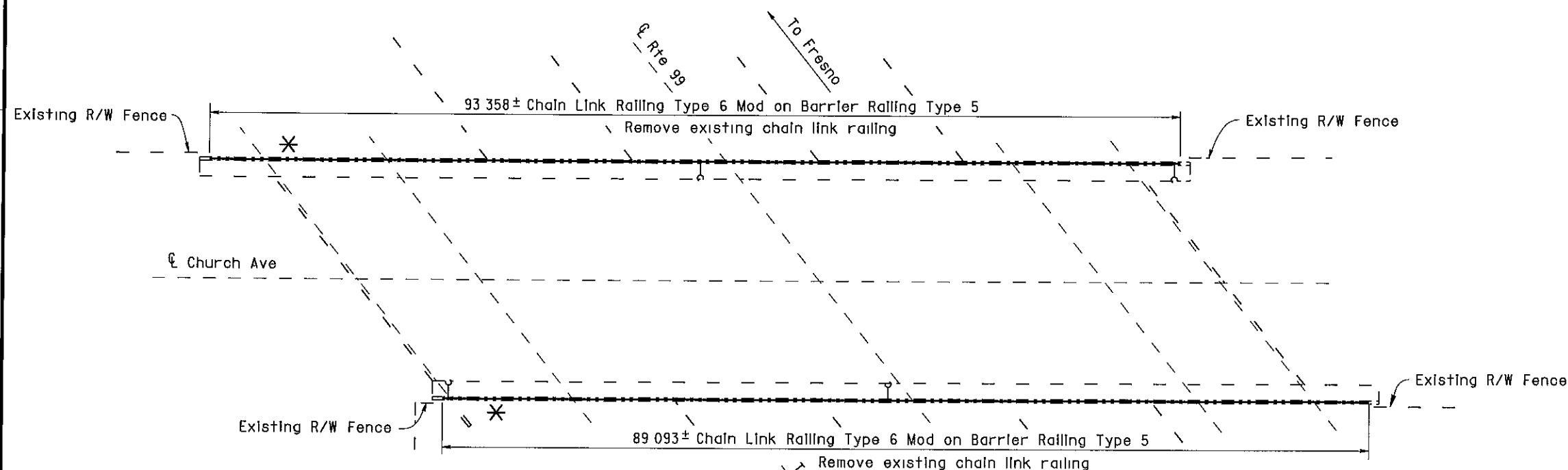
Existing electrolliers removed from Church Ave. O.C.

NOTES

- - Indicates existing
- C Indicates approximate location of existing electrollier (To remain)
- ↓ Indicates approximate location of remove and reinstall sign on new post
- Closure between existing R/W Fence and new Chain Link Railing to be made at all existing locations, see "Chain Link Railing Type 6 Mod No 2" sheet for details

INDEX TO PLANS

SHEET NO	TITLE
1	GENERAL PLAN NO 1
2	GENERAL PLAN NO 2
3	GENERAL PLAN NO 3
4	GENERAL PLAN NO 4
5	GENERAL PLAN NO 5
6	GENERAL PLAN NO 6
7	GENERAL PLAN NO 7
8	CHAIN LINK RAILING TYPE 6 MOD NO 1
9	CHAIN LINK RAILING TYPE 6 MOD NO 2
10	CHAIN LINK RAILING TYPE 6 MOD NO 3
11	CHAIN LINK RAILING TYPE 3 MOD



CHURCH AVENUE OC

Br No 42-0214, Fre, KP 30 9
I 250



AS BUILT

MRC 1-3-03

CORRECTIONS BY John Borquez

CONTRACT NO 06-440104

DATE 11-14-02

NORTH AVENUE OC 42-0210	QUANTITIES	
BRIDGE REMOVAL (PORTION), LOCATION A	LUMP SUM	
CHAIN LINK RAILING (TYPE 6 MODIFIED)	189 m	
CHURCH AVENUE OC 42-0214	QUANTITIES	
BRIDGE REMOVAL (PORTION), LOCATION B	LUMP SUM	
CHAIN LINK RAILING (TYPE 6 MODIFIED)	183 m	

ALL DIMENSIONS ARE IN
METERS UNLESS OTHERWISE SHOWN

DESIGN	BY	DATE	CHECKED	DATE	LAYOUT	BY	DATE	CHECKED	DATE	STATE OF CALIFORNIA	ENGINEERING SERVICE CENTER	BRIDGE NO	ROUTE 99 BRIDGES
DESIGN	D Acoba	4/00	F Tannous	5/00	LAYOUT	K Endow	4/00	D Acoba	4/00	DEPARTMENT OF TRANSPORTATION	STRUCTURE MAINTENANCE	Various	GENERAL PLAN NO. 1
DETAILS	K Endow	4/00	F Tannous	5/00	BY	J Maroney	9/00	J Maroney	9/00	CU 06015	EA 440101	Varies	
QUANTITIES	D Acoba	5/00	F Tannous	5/00	PLANS AND SPECS COMPARED	J Maroney	9/00	J Maroney	9/00	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET	

STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (METRIC) (REV 10/6/99)

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS 0 10 20 30 40 50 60 70 80 90 100

FILE -> nagpl.dgn



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
06	Fre	99	23 3/50 7	124	133

10/3/00
REGISTERED CIVIL ENGINEER
11-13-00
PLANS APPROVAL DATE
No 52003
Exp 12-31-02
CIVIL
DIOSDADO ACOSTA
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NOTE
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ANY MATERIAL

NOTES

- — Indicates existing
- (Indicates approximate location of existing electrolier (To remain)

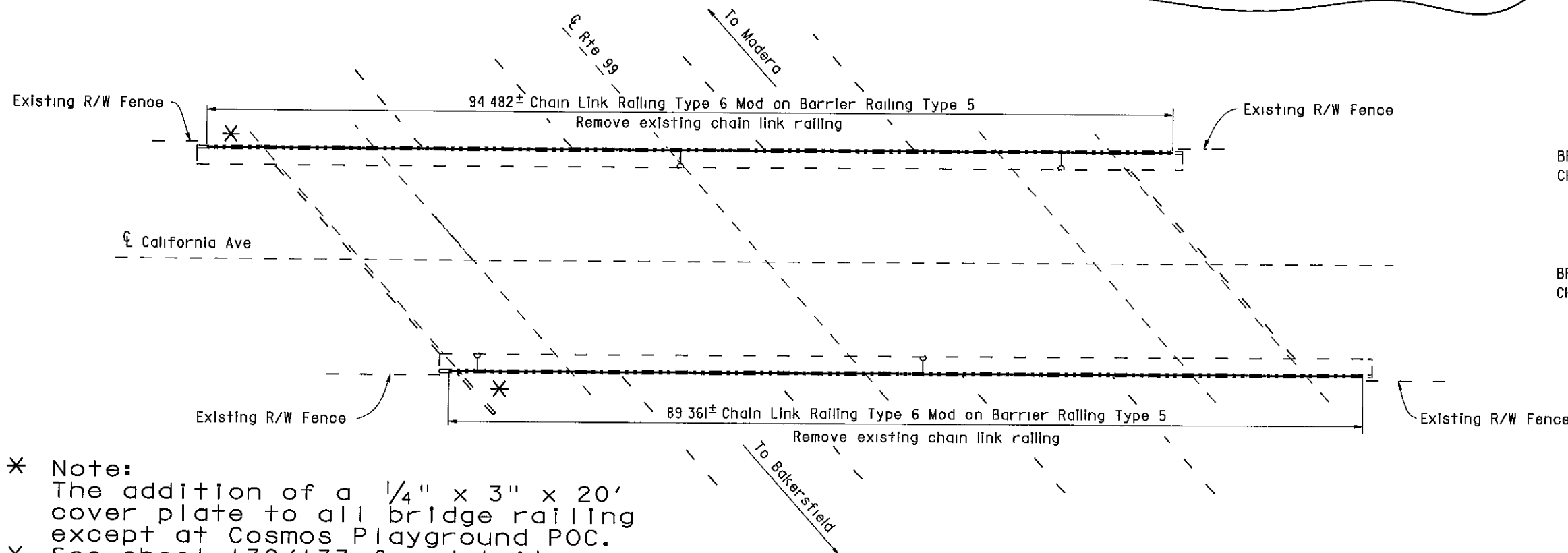
Closure between existing R/W Fence and new Chain Link Railing to be made at all existing locations, see "Chain Link Railing Type 6 Mod No 2" sheet for details

Access opening was fabricated for City access to electroliers

- Existing chain link railing remained and was painted.
- New 1" mesh was installed and replaced the old 2" mesh.
- Existing electroliers remained.

COSMOS PLAYGROUND POC

Br No 42-0215, Fre, KP 31 2
I 250



- * Note:
The addition of a 1/4" x 3" x 20' cover plate to all bridge railing except at Cosmos Playground POC.
- * See sheet 130/133 for details.

CALIFORNIA AVENUE OC

Br No 42-0217, Fre, KP 32 0
I 250



COSMOS PLAYGROUND POC 42-0215

QUANTITIES

BRIDGE REMOVAL (PORTION), LOCATION C
CHAIN LINK RAILING (TYPE 3 MODIFIED) LUMP SUM 209 m

CALIFORNIA AVENUE OC 42-0217

QUANTITIES

BRIDGE REMOVAL (PORTION), LOCATION D
CHAIN LINK RAILING (TYPE 6 MODIFIED) LUMP SUM 184 m

AS BUILT

MRC 1-3-03

CORRECTIONS BY John Borquez

CONTRACT NO 06-440104

DATE 11-14-02

ALL DIMENSIONS ARE IN
METERS UNLESS OTHERWISE SHOWN

DESIGN	BY	DATE	CHECKED	DATE	LAYOUT	BY	DATE	CHECKED	DATE	STATE OF CALIFORNIA	ENGINEERING SERVICE CENTER	BRIDGE NO	ROUTE 99 BRIDGES
DESIGN	D Acoba	4/00	F Tannous	5/00	LAYOUT	K Endow	4/00	D Acoba	4/00	DEPARTMENT OF TRANSPORTATION	STRUCTURE MAINTENANCE	Various	GENERAL PLAN NO. 2
DETAILS	K Endow	4/00	F Tannous	5/00	SPECIFICATIONS	J Maroney	9/00	J Maroney	9/00	CU 06015	EA 440101	Varies	
QUANTITIES	D Acoba	5/00	F Tannous	5/00									

STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (METRIC) (REV 10/6/99)

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS

REVISION DATES (PRELIMINARY STAGE ONLY)

REVISION	DATE	DESCRIPTION
1	5/15/00	
2	7/17/00	
3	9/26/00	
4	10/3/00	

SHEET 2 OF 11



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
06	Fre	99	23 3/50 7	125	133

10/3/00
REGISTERED CIVIL ENGINEER
11-13-00
PLANS APPROVAL DATE
No. 52003
EXP 12-31-02
CIVIL
STATE OF CALIFORNIA
DIOSDADO ACABA
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VENTURA STREET OC 42-0158K
QUANTITIES
BRIDGE REMOVAL (PORTION), LOCATION E
CHAIN LINK RAILING (TYPE 6 MODIFIED) LUMP SUM 78 m

VENTURA STREET OC 42-0158E
QUANTITIES
BRIDGE REMOVAL (PORTION) LOCATION F
CHAIN LINK RAILING (TYPE 6 MODIFIED) LUMP SUM 122 m

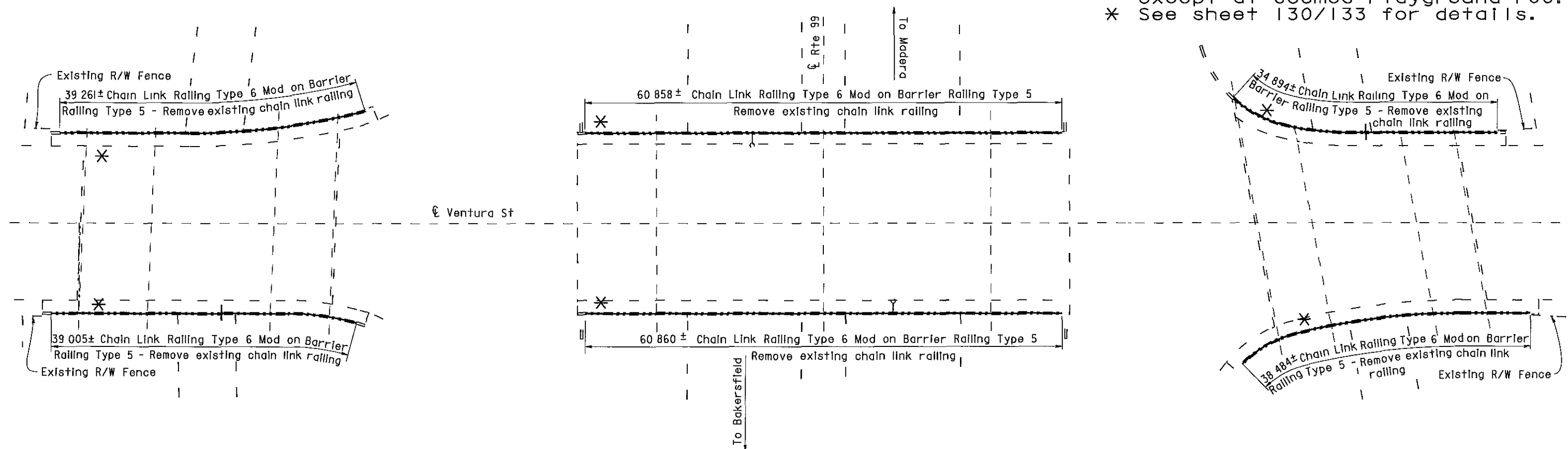
VENTURA STREET OC 42-0158S
QUANTITIES
BRIDGE REMOVAL (PORTION), LOCATION G
CHAIN LINK RAILING (TYPE 6 MODIFIED) LUMP SUM 74 m

NOTES

- — Indicates existing
- C Indicates approximate location of existing electrolter (To remain)
- ↓ Indicates approximate location of remove and reinstall sign on new post
- Closure between existing R/W Fence and new Chain Link Railing to be made at all existing locations, see "Chain Link Railing Type 6 Mod No 2" sheet for details

NOTE
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL

- * Note:
The addition of a 1/4" x 3" x 20' cover plate to all bridge railing except at Cosmos Playground POC.
- * See sheet 130/133 for details.



Br No 42-0158K

Bridges 42-0158K and 42-0158S were both painted with Color No. 20109 - "Deep red".

Br No. 42-0158E

VENTURA STREET OC

Fre, KP 32 5
1 250

AS BUILT

MRC 1-3-03

CORRECTIONS BY John Borquez
CONTRACT NO 06-440104
DATE 11-14-02

Br No 42-0158S

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

DESIGN	BY	DATE	CHECKED	DATE	LAYOUT	BY	DATE	CHECKED	DATE	STATE OF CALIFORNIA	ENGINEERING SERVICE CENTER	BRIDGE NO	ROUTE 99 BRIDGES
DESIGN ENGINEER	D Acoba	4/00	F Tannous	5/00	LAYOUT	K Endow	4/00	D Acoba	4/00	DEPARTMENT OF TRANSPORTATION	STRUCTURE MAINTENANCE	Various	GENERAL PLAN NO. 3
DETAILS	K Endow	4/00	F Tannous	5/00	SPECIFICATIONS	J Maroney	9/00	J Maroney	9/00	CU 06015	EA 440101	Varies	
QUANTITIES	D Acoba	5/00	F Tannous	5/00						FILE => nagp3.dgn			

STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (METRIC) (REV 11/06/99)

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS

REVISION DATES (PRELIMINARY STAGE ONLY)

5/15/00 7/17/00 9/28/00 10/3/00

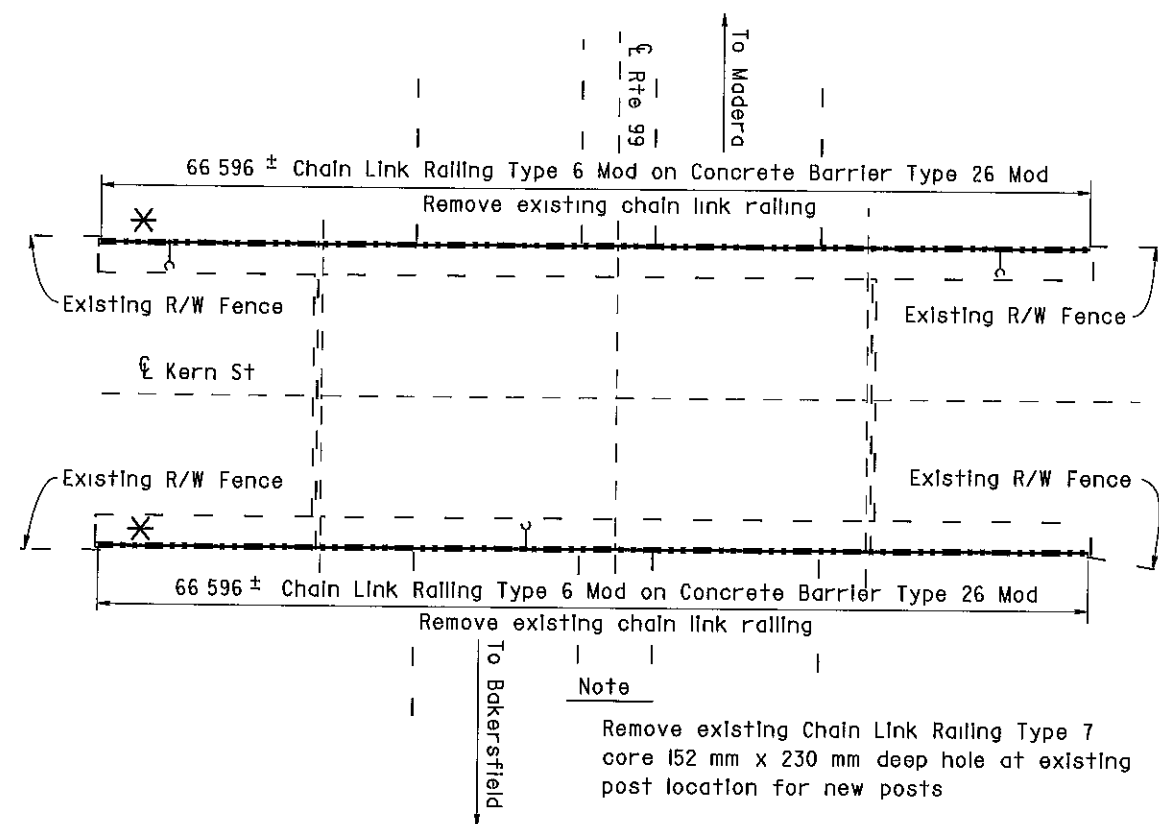
SHEET 3 OF 11



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
06	Fre	99	23 3/50 7	126	133

10/3/00
REGISTERED CIVIL ENGINEER
11-13-00
PLANS APPROVAL DATE
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REGISTERED PROFESSIONAL ENGINEER
DIOSDADO ACOPA
No. 52003
Exp. 12-31-02
CIVIL
STATE OF CALIFORNIA



KERN STREET OC
Br No 42-0159, Fre, KP 33 0
1 250

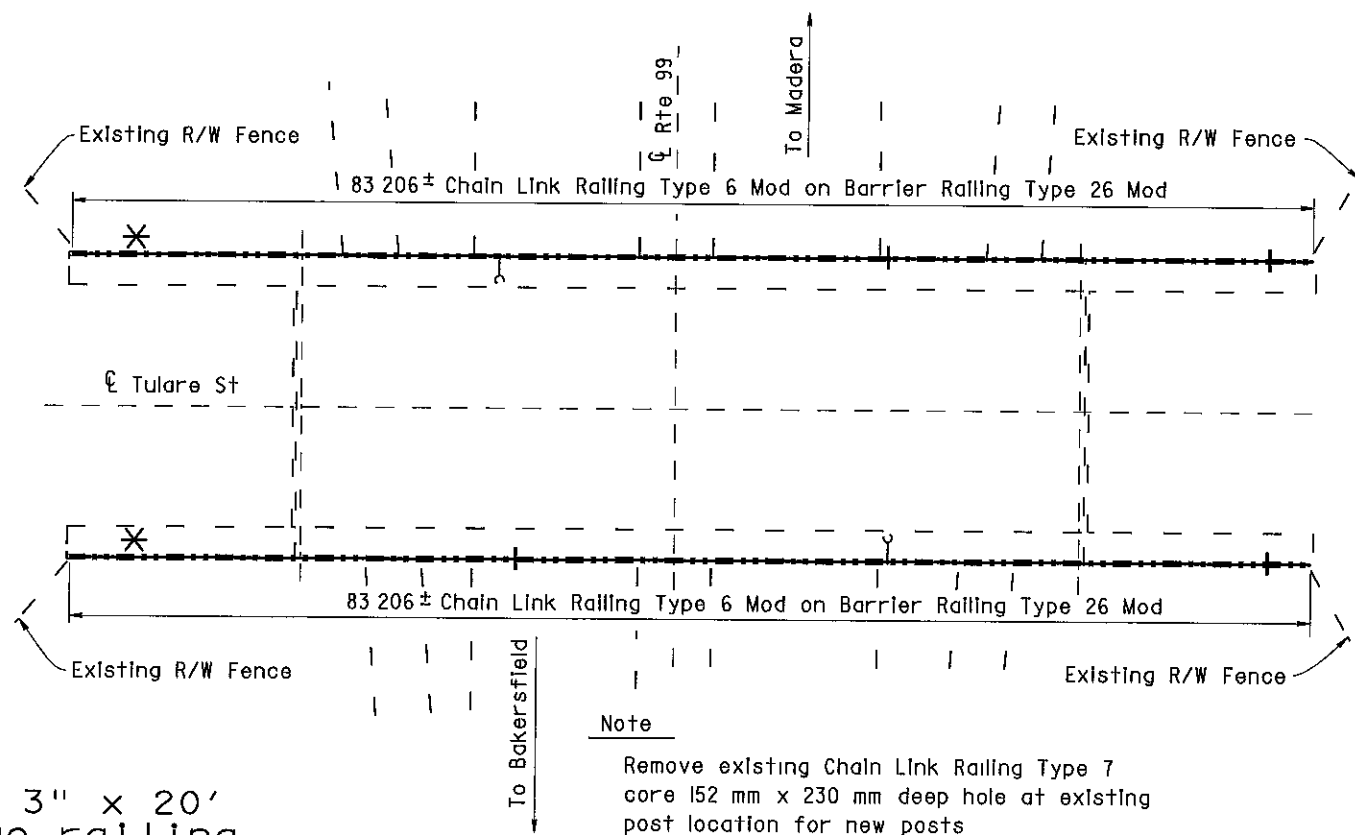
KERN STREET OC 42-0159
QUANTITIES
BRIDGE REMOVAL (PORTION), LOCATION H
CHAIN LINK RAILING (TYPE 6 MODIFIED) LUMP SUM 133 m

TULARE STREET OC 42-0169
QUANTITIES
BRIDGE REMOVAL (PORTION), LOCATION I
CHAIN LINK RAILING (TYPE 6 MODIFIED) LUMP SUM 166 m

NOTE
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NOTES
— — Indicates existing
(Indicates approximate location of
existing electroliter (To remain)
↓ Indicates approximate location of
remove and reinstall sign on new post

Closure between existing R/W Fence
and new Chain Link Railing to be
made at all existing locations, see
"Chain Link Railing Type 6 Mod
No 2" sheet for details



TULARE STREET OC
Br No 42-0169, Fre, KP 33 2
1 250

* Note:
The addition of a 1/4" x 3" x 20'
cover plate to all bridge railing
except at Cosmos Playground POC.
* See sheet 130/133 for details.

AS BUILT
MRC 1-3-03
CORRECTIONS BY John Borquez
CONTRACT NO 06-440104
DATE 11-14-02

DESIGN ENGINEER Michael J Lee 10/3/00	DESIGN	BY D Acoba 4/00	CHECKED F Tannous 5/00	LAYOUT	BY K Endow 4/00	CHECKED D Acoba 4/00	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	ENGINEERING SERVICE CENTER STRUCTURE MAINTENANCE	BRIDGE NO	ROUTE 99 BRIDGES GENERAL PLAN NO. 4				
	DETAILS	BY K Endow 4/00	CHECKED F Tannous 5/00		Various									
	QUANTITIES	BY D Acoba 5/00	CHECKED F Tannous 5/00		Varies									
	SPECIFICATIONS	BY J Maroney 9/00	CHECKED J Maroney 9/00		Varies									
ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS											CU 06015 EA 440101	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET 4 OF 11

FILE > nagg4.dgn



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
06	Fre	99	23 3/50 7	130	133

10/3/00

REGISTERED CIVIL ENGINEER

11-13-00

PLANS APPROVAL DATE

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DIOSDADO ACOSTA

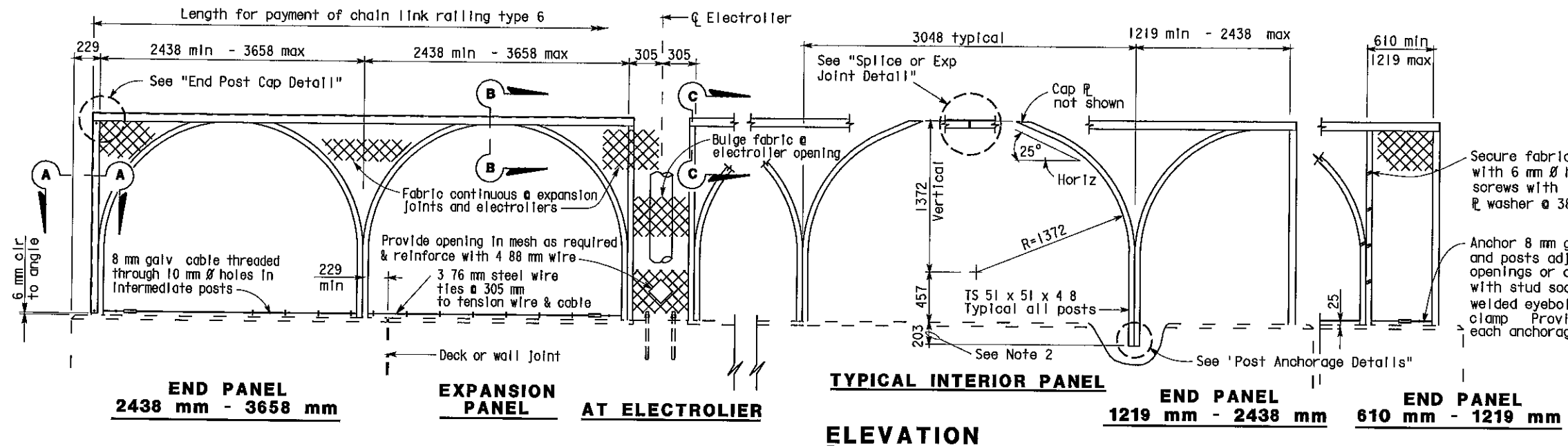
No 52003

Exp 12-31-02

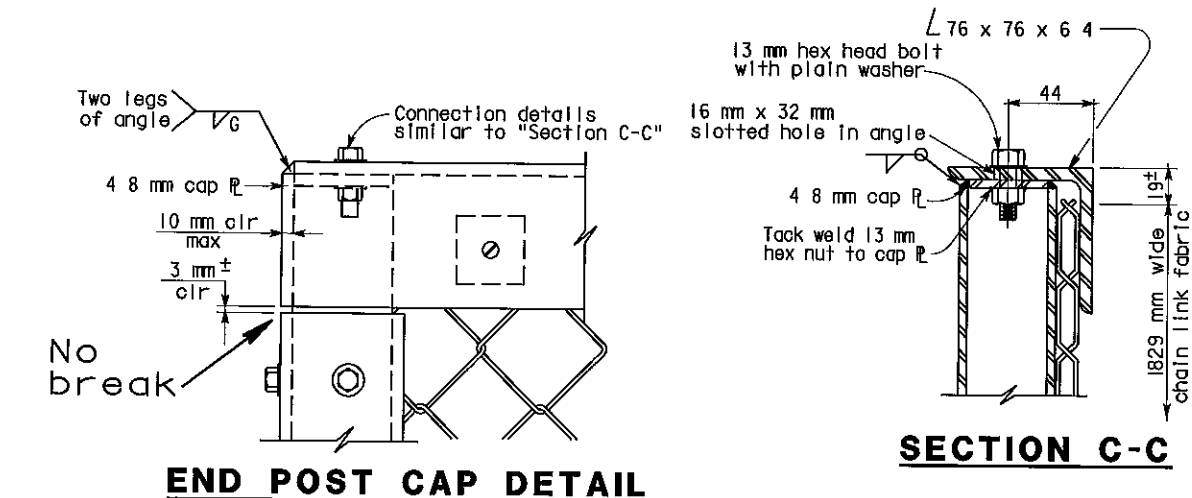
CIVIL

STATE OF CALIFORNIA

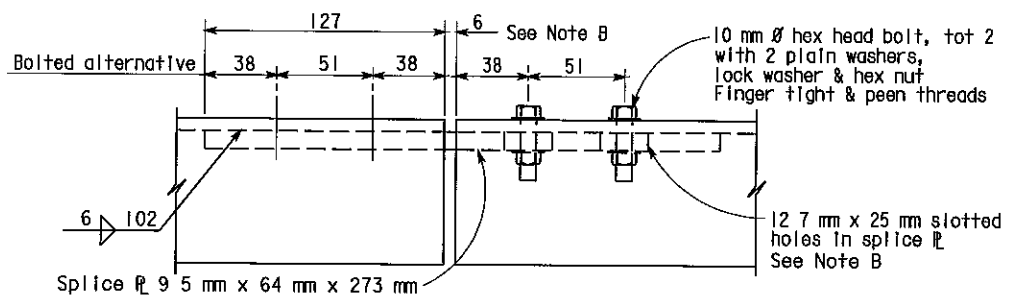
NOTE
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ELEVATION

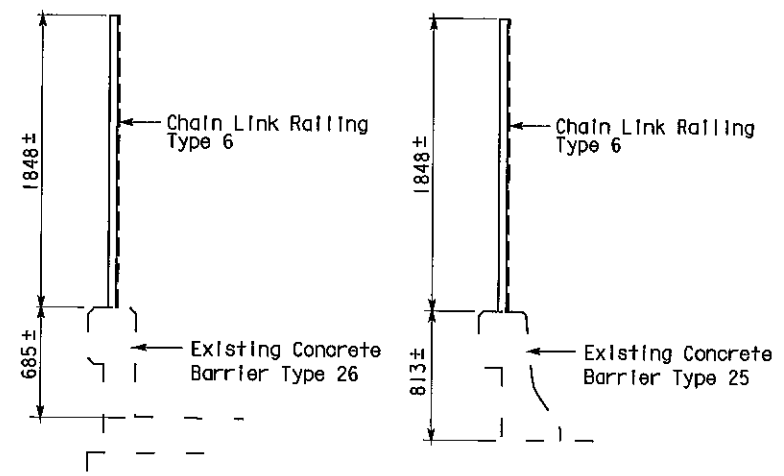


SECTION C-C

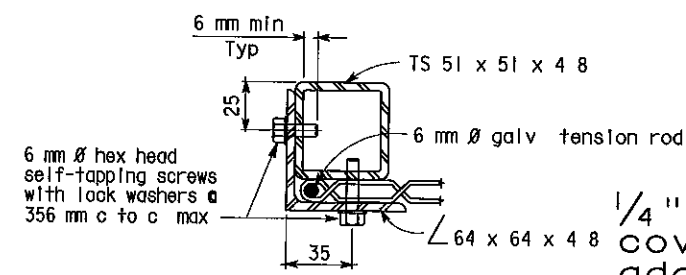


SPLICE OR EXPANSION JOINT DETAIL

Note B Expansion joint same dimension as expansion joint in deck or wall. Increase slotted hole length and splice R length correspondingly.

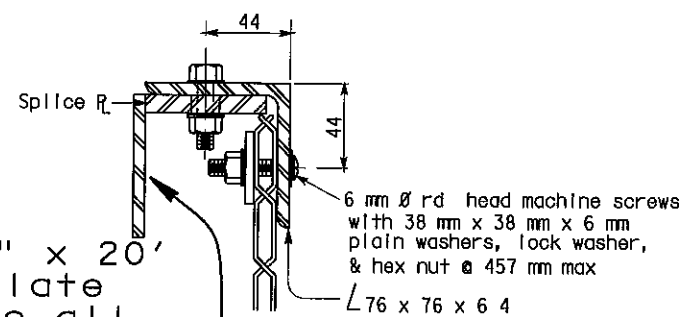


TYPICAL SECTIONS



SECTION A-A

1/4" x 3" x 20' cover plate added to all bridges bolted w/spacer



SECTION B-B

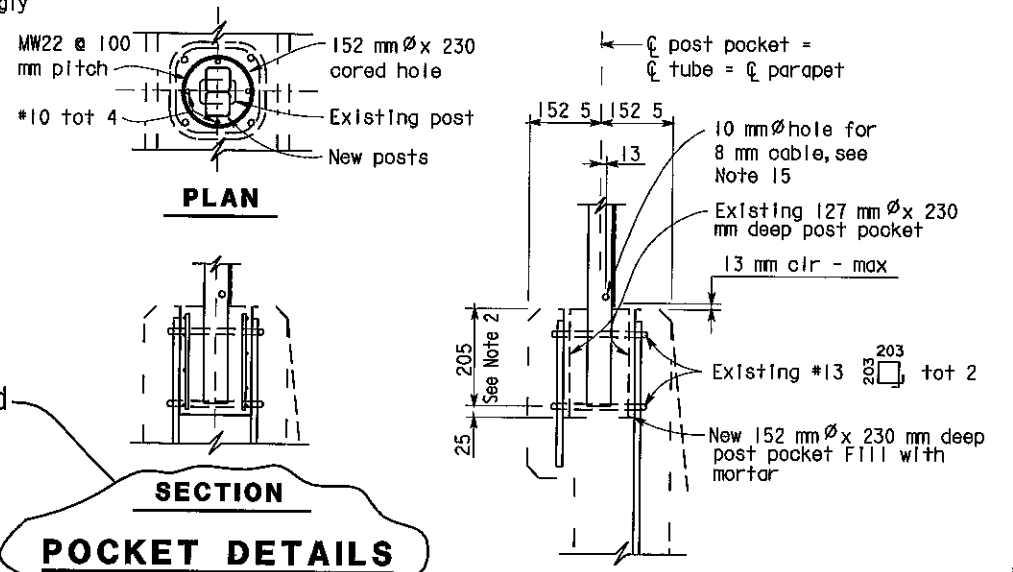
NOTES

- Horizontal angle shall be continuous over not less than two intermediate posts except that a shorter length is permitted at expansion joints, electrolliers and other rail discontinuities.
- One post may be embedded 152 mm minimum to accommodate grade changes, otherwise fabricate post lengths as required.
- Curved posts may be rotated in plan within its post pocket to accommodate curved horizontal alignment.
- Straight posts and straight portions of curved posts shall be installed normal to bridge profile grade.
- Top horizontal angle shall be parallel to bridge profile grade and shall be shop bent to fit horizontal curves.
- When railing is on slope, fabric shall be placed parallel to slope.
- Alternative details may be submitted by Contractor for Engineer's approval.
- Railing assembly except chain link fabric shall be galvanized after fabrication.
- For details and reinforcement not shown, see "Concrete Barrier Type 25 or 26" sheet.
- See Bridge Plans for limits of Chain Link Railing Type 6 Mod.
- Provide thimbles at all cable loops.

AS BUILT

MRC 1-3-03
CORRECTIONS BY John Borquez
CONTRACT NO 06-440104
DATE 11-14-02

Detail omitted




SECTION POCKET DETAILS

POST ANCHORAGE DETAIL

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

DESIGN			BY D Acoba			5/00			CHECKED F Tannous			5/00			STATE OF CALIFORNIA			ENGINEERING SERVICE CENTER			BRIDGE NO			Various			ROUTE 99 BRIDGES		
DETAILS			BY K Endow			5/00			CHECKED F Tannous			5/00			DEPARTMENT OF TRANSPORTATION			STRUCTURE MAINTENANCE			KILOMETER POST			Varies			CHAIN LINK RAILING TYPE 6 MOD NO. 1		
QUANTITIES			BY D Acoba			5/00			CHECKED F Tannous			5/00			ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS			CU 06015 EA 440101			DISREGARD PRINTS BEARING EARLIER REVISION DATES			REVISION DATES (PRELIMINARY STAGE ONLY)			SHEET 8 OF 11		

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
06	Fre	99	23 3/50 7	129	133



10/3/00
REGISTERED CIVIL ENGINEER
11-13-00
PLANS APPROVAL DATE
No 52003
Exp 12-31-02
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NOTES

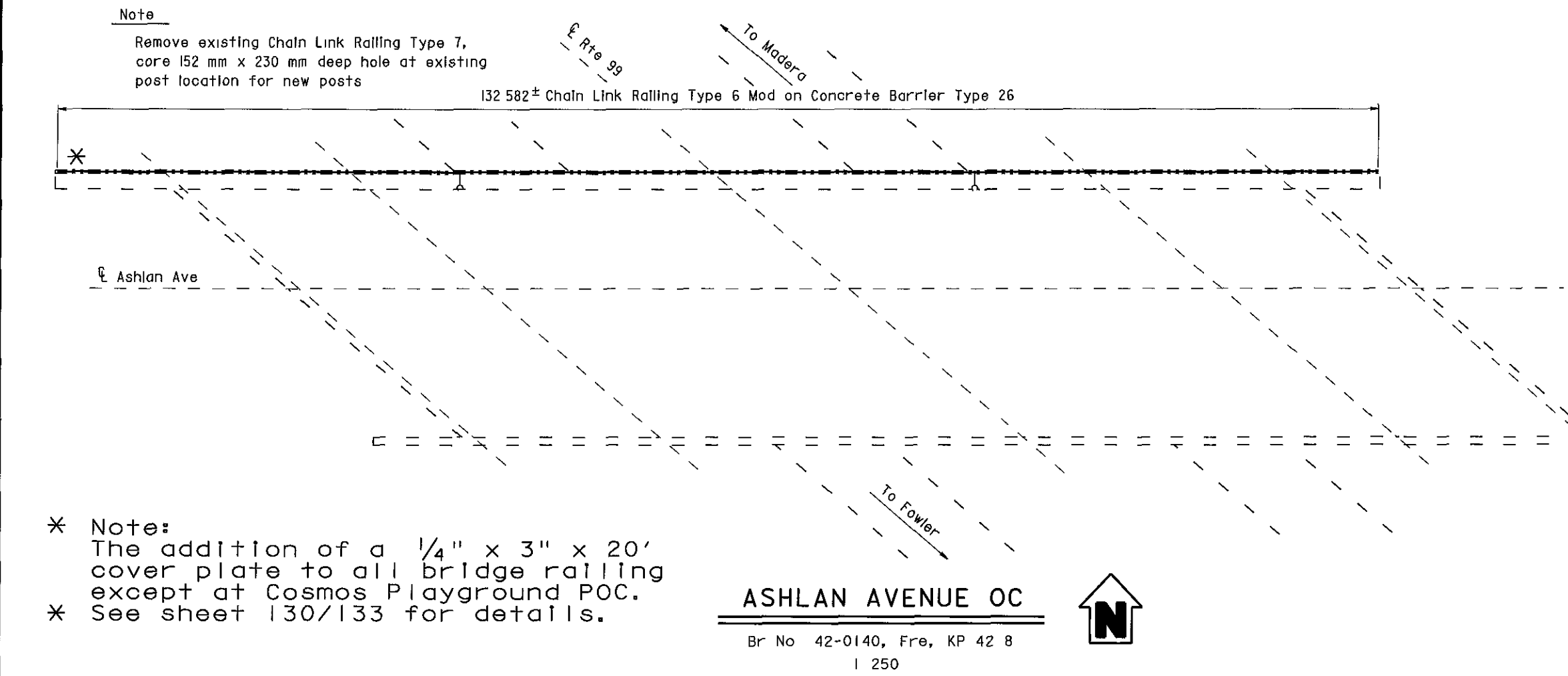
- - Indicates existing
- (Indicates approximate location of existing electroliner (To remain)

AS BUILT

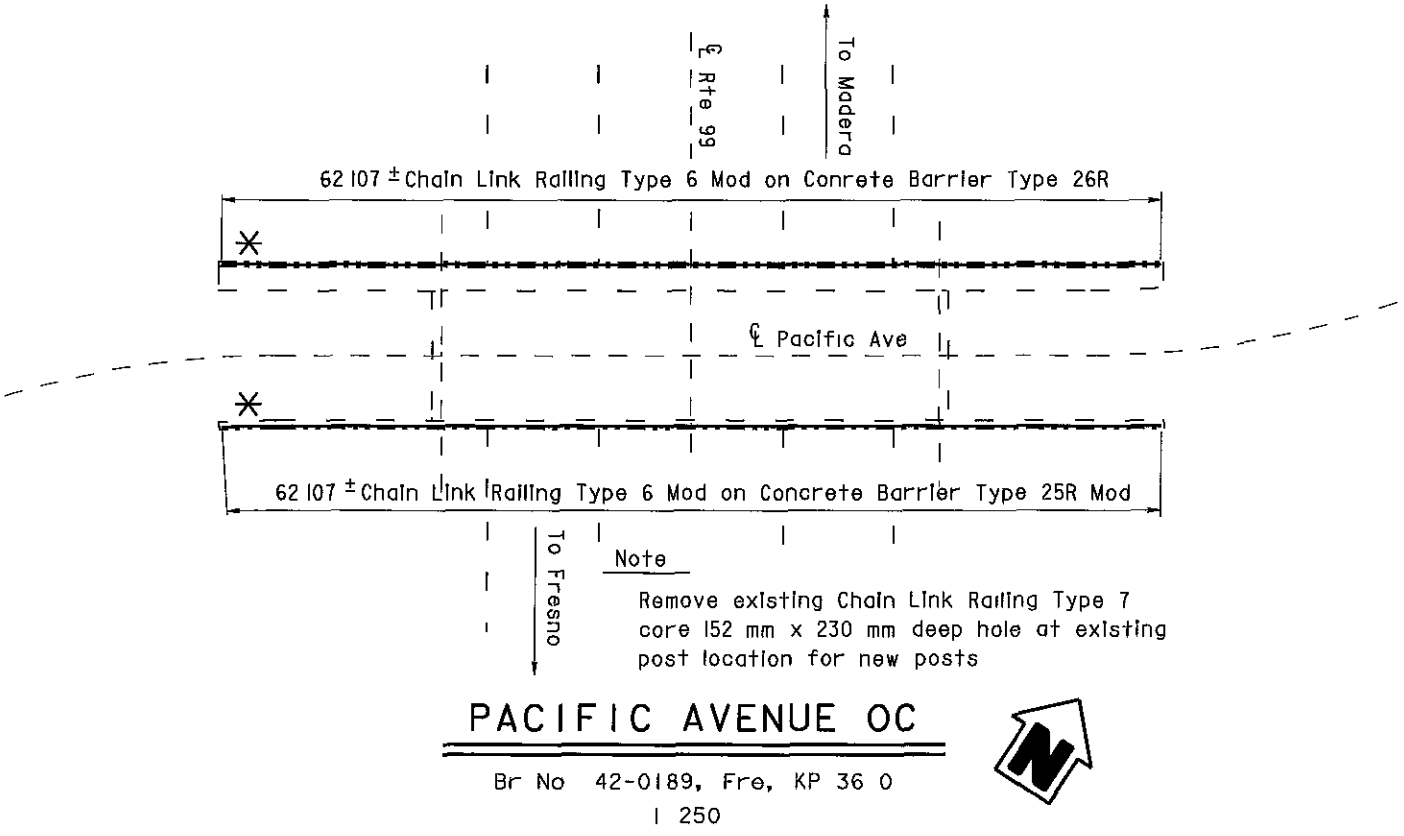
MRC 1-3-03
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CONTRACT NO 06-440104
DATE 11-14-02

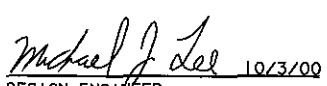
ASHLAN AVENUE OC 42-0140	
QUANTITIES	
BRIDGE REMOVAL (PORTION), LOCATION O	LUMP SUM
CHAIN LINK RAILING (TYPE 6 MODIFIED)	133 m
PACIFIC AVENUE OC 42-0189	
QUANTITIES	
BRIDGE REMOVAL (PORTION), LOCATION P	LUMP SUM
CHAIN LINK RAILING (TYPE 6 MODIFIED)	124 m

ALL DIMENSIONS ARE IN
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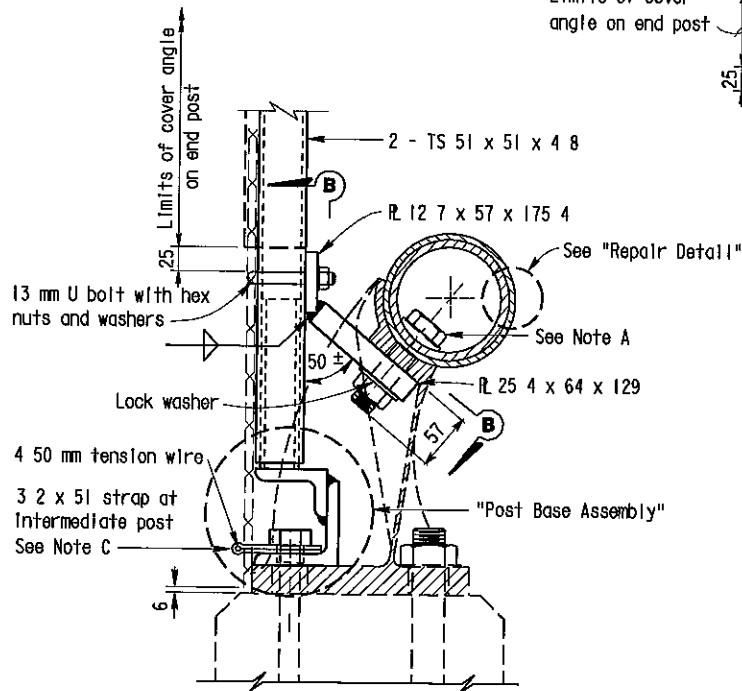
- * Note:
The addition of a 1/4" x 3" x 20'
cover plate to all bridge railing
except at Cosmos Playground POC.
- * See sheet 130/133 for details.



 DESIGN ENGINEER 10/3/00	DESIGN	BY D Acoba	4/00	CHECKED F Tannous	5/00	LAYOUT	BY K Endow	4/00	CHECKED D Acoba	4/00	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	ENGINEERING SERVICE CENTER STRUCTURE MAINTENANCE	BRIDGE NO	Various	ROUTE 99 BRIDGES GENERAL PLAN NO. 7
	DETAILS	BY K Endow	4/00	CHECKED F Tannous	5/00	SPECIFICATIONS	BY J Maroney	9/00	PLANS AND SPECS COMPARED J Maroney	9/00			KILOMETER POST	Varies	
	QUANTITIES	BY D Acoba	5/00	CHECKED F Tannous	5/00										
STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (METRIC) (REV 11/06/99)															
ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS 0 10 20 30 40 50 60 70 80 90 100															
CU 06015 EA 440101 DISREGARD PRINTS BEARING EARLIER REVISION DATES 5/15/00 7/17/00 9/28/00 10/3/00															
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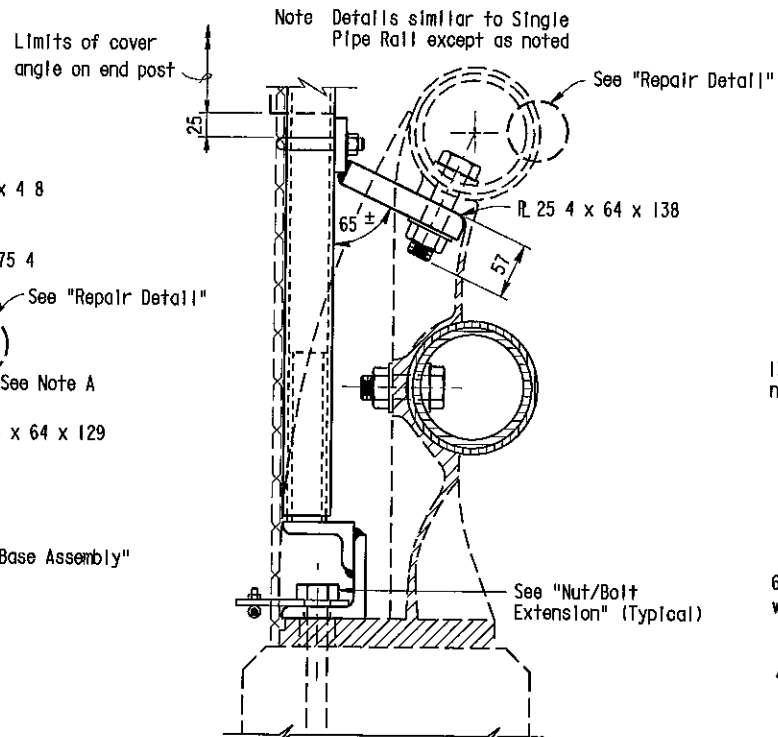
Note A

Replace existing bolt with 25 mm x 102 mm bolt



SECTION A-A

(SINGLE PIPE RAIL)

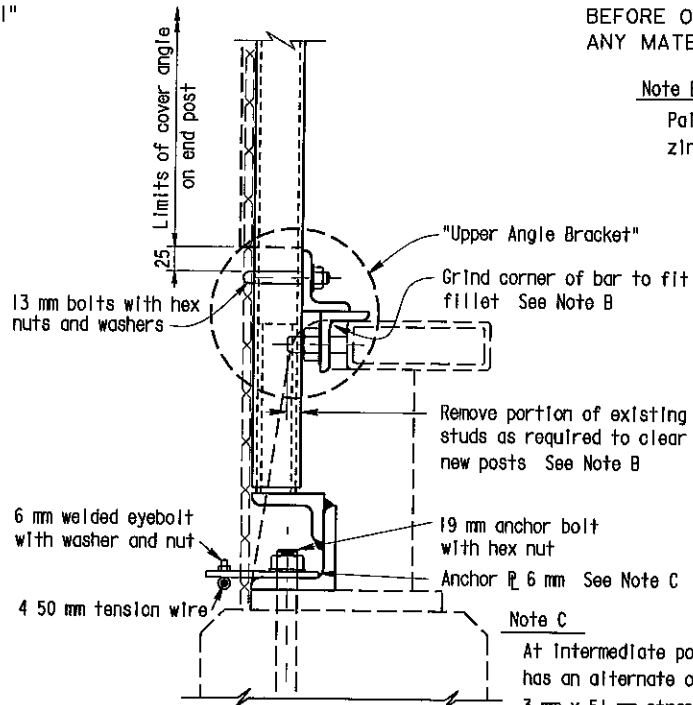


SECTION A-A

(DOUBLE PIPE RAIL)

ATTACHMENT DETAILS

Note Details for Type 9 and Type 11 Metal Railing are similar, Type 11 not shown



SECTION A-A

(TUBE RAIL)

Note C

At intermediate posts only contractor has an alternate of 3 mm x 51 mm strap or 6 4 mm anchor plate with eyebolt

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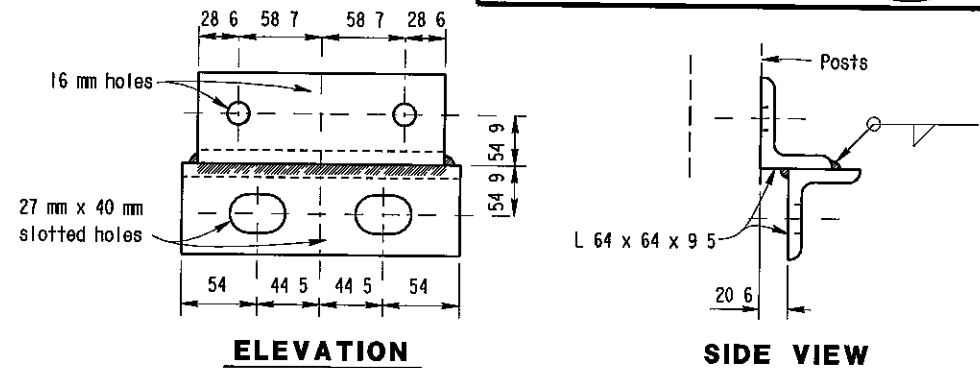
Note B

Paint all cut and ground surfaces with zinc rich paint



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
06	Fre	99	23 3/50 7	132	133

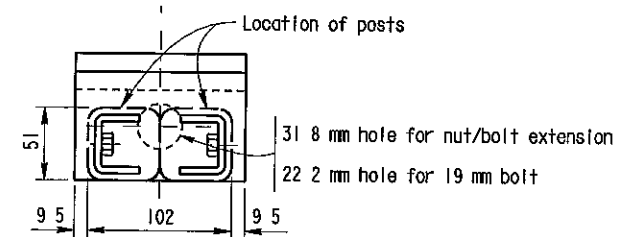
10/3/00
REGISTERED CIVIL ENGINEER
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ELEVATION

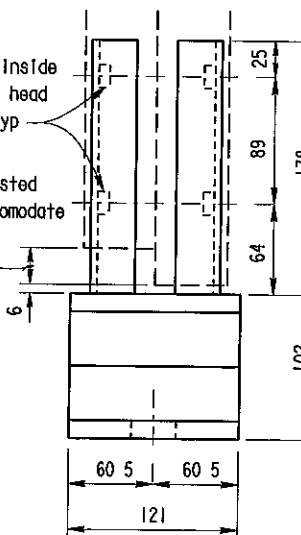
SIDE VIEW

UPPER ANGLE BRACKET

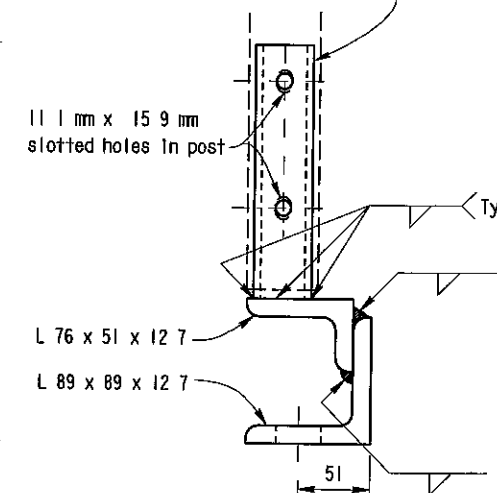


PLAN

Sleeve formed from PL 4 7, bent thus for sliding fit inside of post - Typ

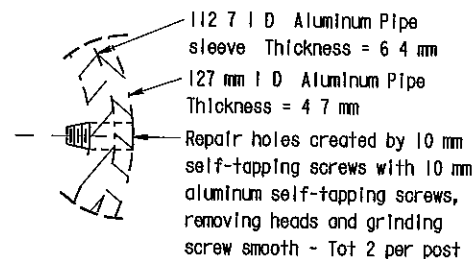


ELEVATION

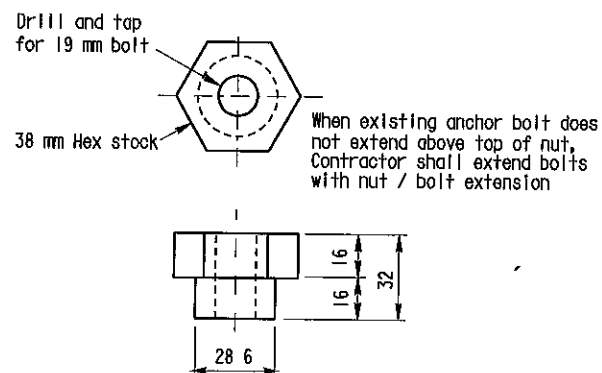


SIDE VIEW

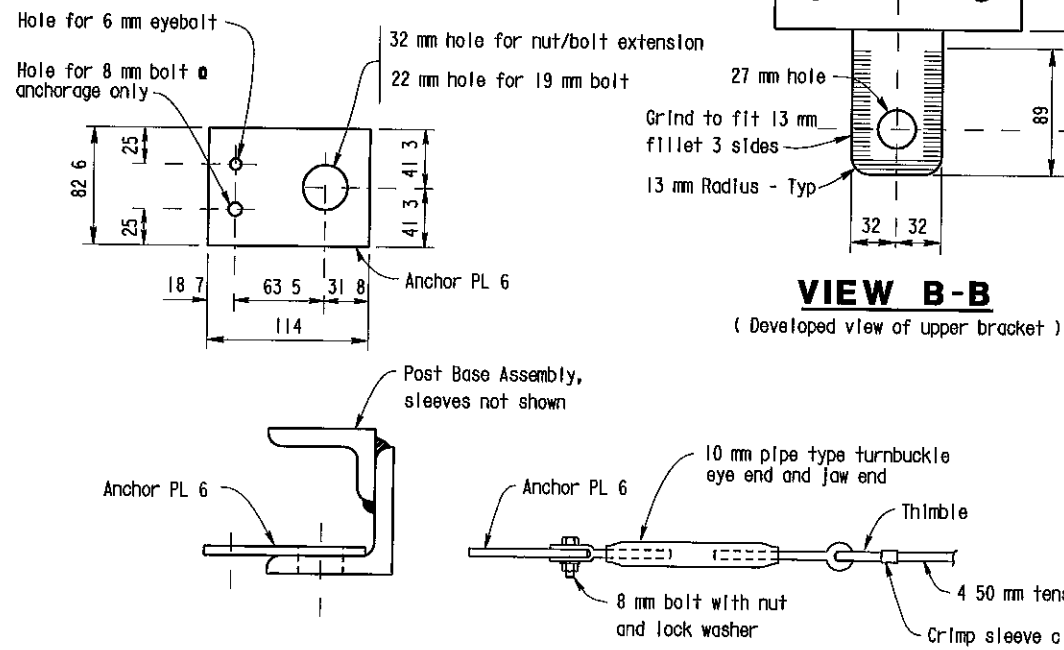
POST BASE ASSEMBLY



REPAIR DETAIL



NUT/BOLT EXTENSION



VIEW B-B

(Developed view of upper bracket)

NO CORRECTIONS AS BUILT

MRC 1-3-03

CORRECTIONS BY John Borquez

CONTRACT NO 06-440104

DATE 11-14-02

BOTTOM ANCHORAGE DETAIL

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

DESIGN	BY D Acoba	5/00	CHECKED F Tannous	5/00
DETAILS	BY K Endow	5/00	CHECKED F Tannous	5/00
QUANTITIES	BY D Acoba	5/00	CHECKED F Tannous	5/00

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ENGINEERING SERVICE CENTER
STRUCTURE MAINTENANCE

BRIDGE NO
Various
KILOMETER POST
Varies

ROUTE 99 BRIDGES
CHAIN LINK RAILING TYPE 6 MOD NO. 3

STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (METRIC) (REV 11/6/99)

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS

CU 06015
EA 440101

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)

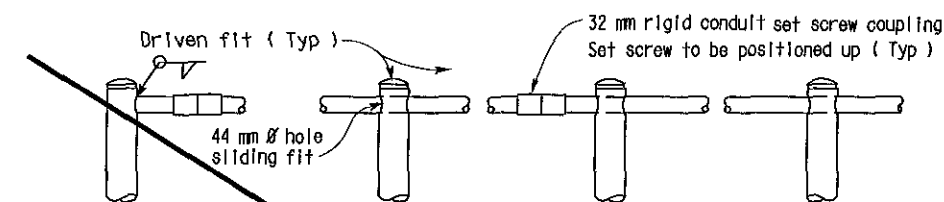
SHEET 10 OF 11

DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
06	Fre	99	23 3/50 7	133	133

8844-1
10-3-00
REGISTERED ENGINEER - CIVIL
11-13-00
PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

REGISTERED PROFESSIONAL ENGINEER
DIOSDADO ACOBA
No. 52003
EXP. 12 31 02
CIVIL
STATE OF CALIFORNIA

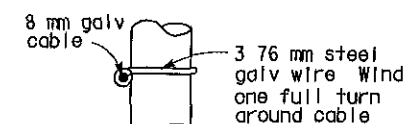


END POST

INTERMEDIATE POSTS

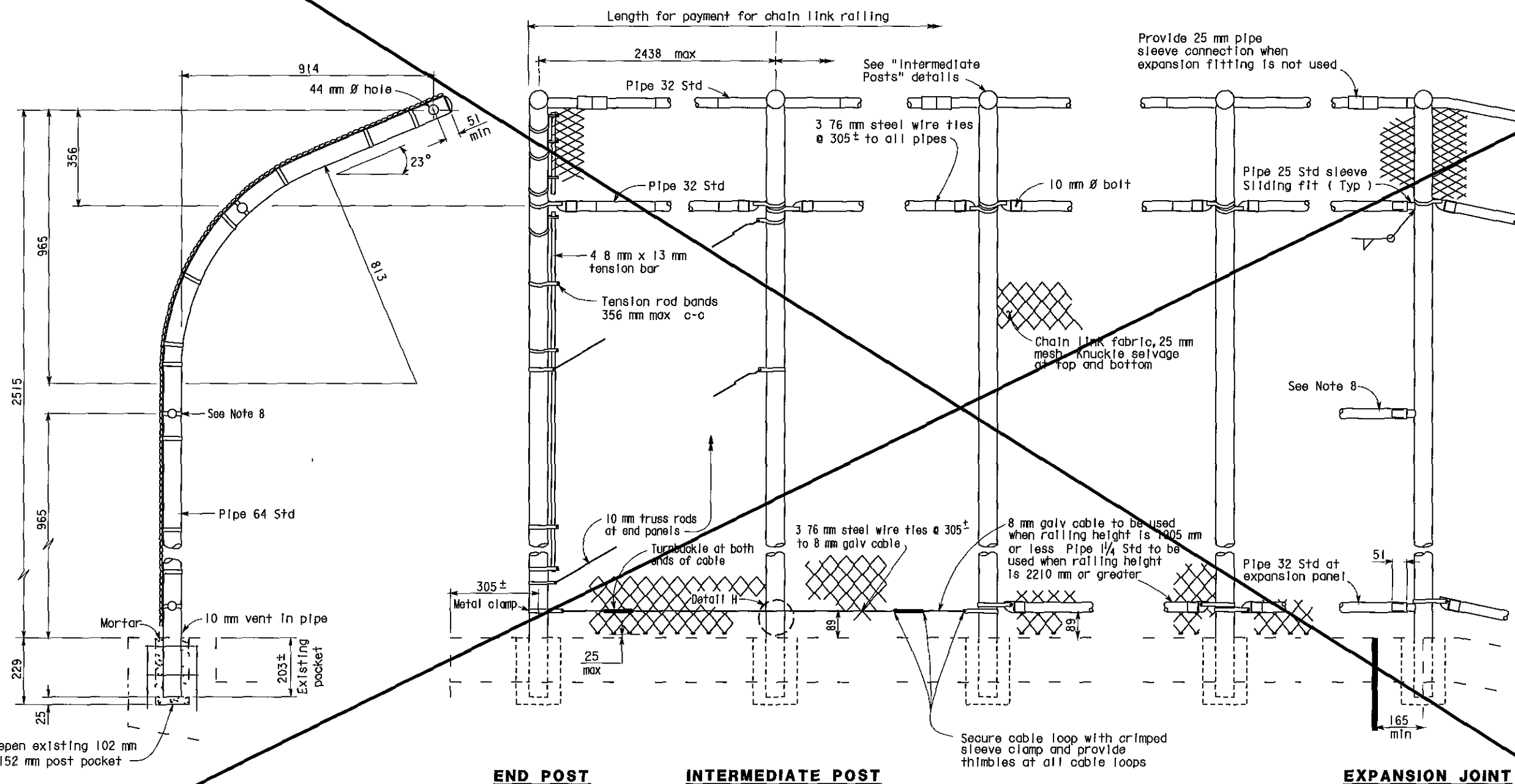


PLAN



ELEVATION

DETAIL H



TYPICAL POST DETAIL

ELEVATION

EXPANSION JOINT

SPECIAL DETAIL

NO SCALE

ALL DIMENSIONS ARE IN
MILLIMETERS UNLESS OTHERWISE SHOWN

STANDARD DRAWING				
FILE NO	XS 9 81	DESIGN	BY <i>R W BISHOP</i>	CHECKED <i>J HAMAGUCHI</i>
DRAWING DATE	Revised	DETAILS	BY <i>R YEE</i>	CHECKED <i>J HAMAGUCHI</i>
		SUBMITTED BY <i>R W BISHOP</i>		
				<i>[Signature]</i> DESIGN SUPERVISOR
DS OSD 2147A (METRIC) (REV 2/25/97)				

① Revised sheet - removed handrailing and electrical details and notes

STATE OF
CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**ENGINEERING
SERVICE CENTER
STRUCTURE MAINTENANCE**

BRIDGE NO	Various
KILOMETER POS	Varies

ROUTE 99 BRIDGES

CHAIN LINK RAILING TYPE 3 MOD

DISREGARD PRINTS BEARING
EARLIER REVISION DATES -

REVISION DATES (PRELIMINARY STAGE ONLY)				
00	7/1/2000	9/28/00	10/3/00	

	SHEET	
	11	



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
06	Fre	99	23 3/50 7	127	133

10/3/00
REGISTERED CIVIL ENGINEER
DIOSDADO ACOPA
No 52003
Exp 12-31-02
CIVIL
STATE OF CALIFORNIA

11-13-00
PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet

NOTE
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL

NOTES

— — Indicates existing

(Indicates approximate location of existing electrolizer (To remain)

Closure between existing R/W Fence and new Chain Link Railing to be made at all existing locations, see "Chain Link Railing Type 6 Mod No 2" sheet for details

- * Note:
The addition of a 1/4" x 3" x 20' cover plate to all bridge railing except at Cosmos Playground POC.
- * See sheet 130/133 for details.

AS BUILT

MRC 1-3-03

CORRECTIONS BY John Borquez

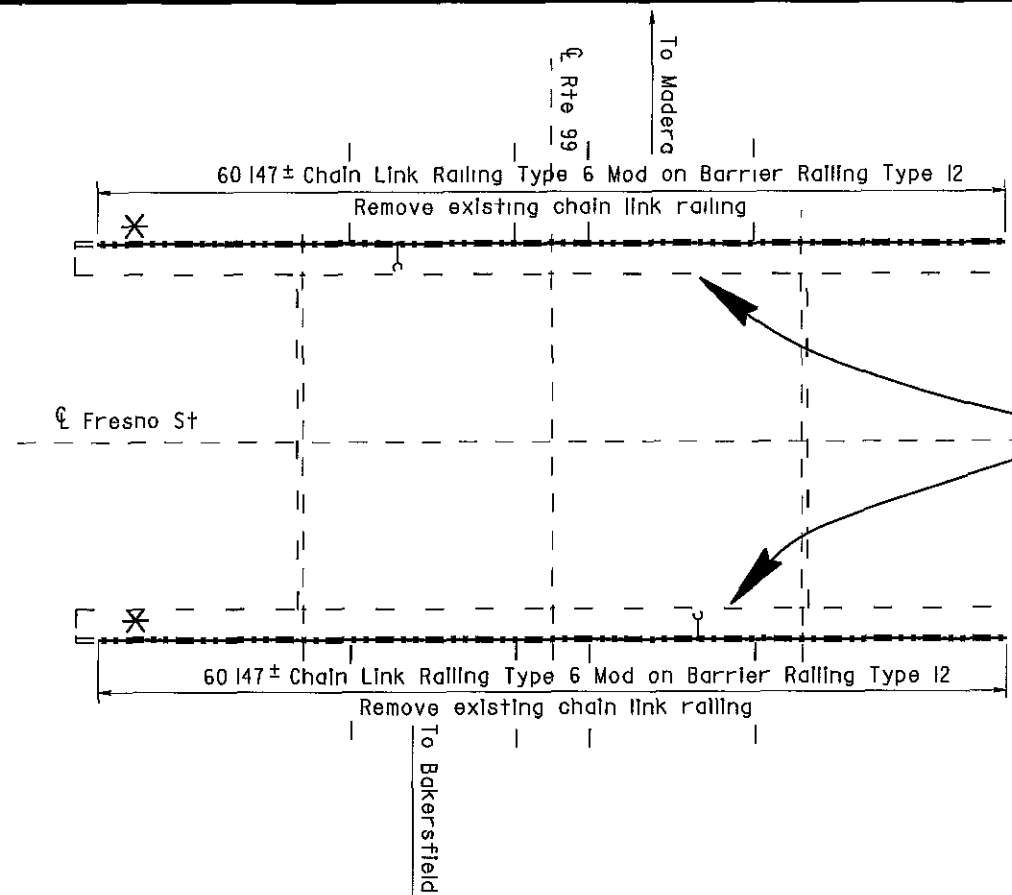
CONTRACT NO 06-440104

DATE 11-14-02

FRESNO STREET OC 42-0170
QUANTITIES
BRIDGE REMOVAL (PORTION), LOCATION J
CHAIN LINK RAILING (TYPE 6 MODIFIED) LUMP SUM
120 m

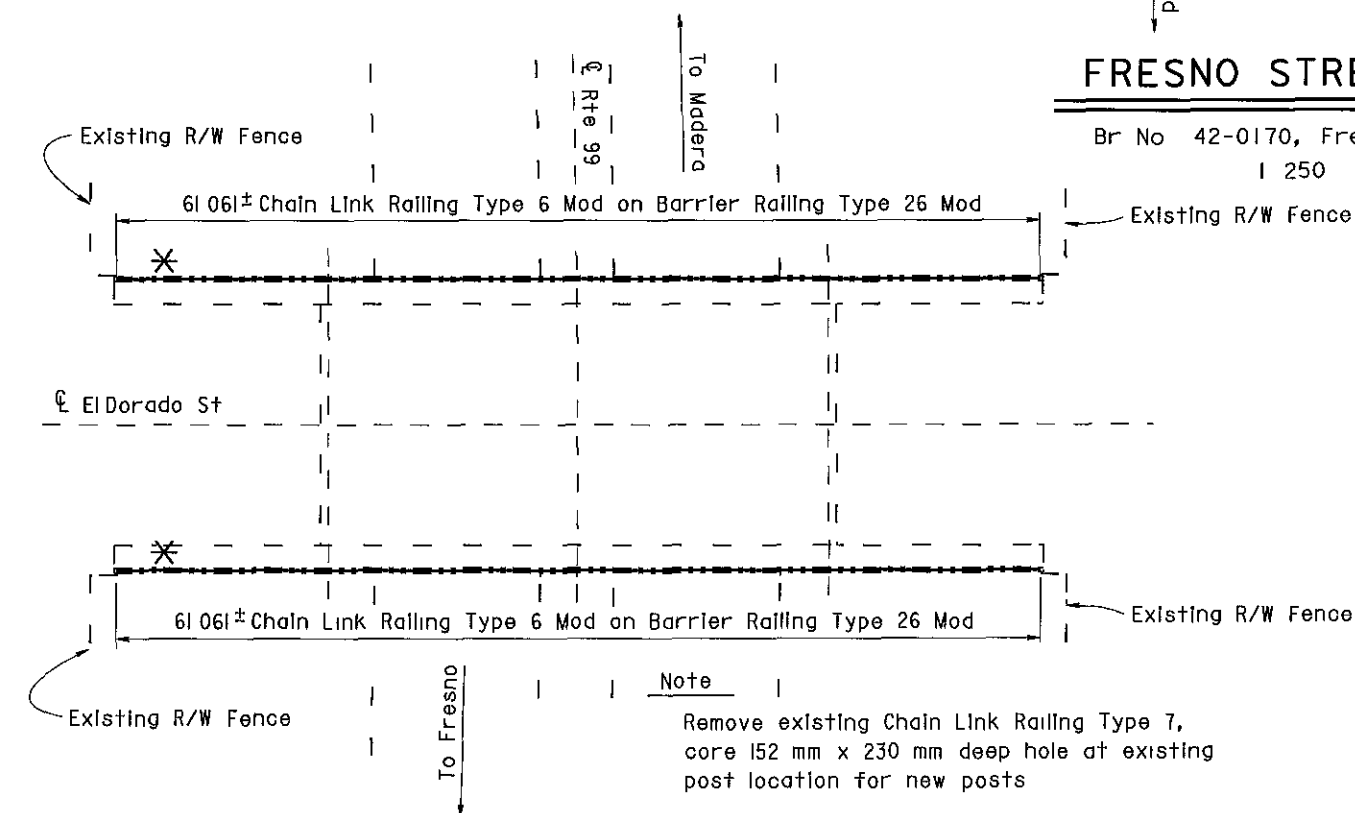
EL DORADO STREET OC 42-0184
QUANTITIES
BRIDGE REMOVAL (PORTION), LOCATION K
CHAIN LINK RAILING (TYPE 6 MODIFIED) LUMP SUM
122 m

BELMONT AVENUE OC 42-0186
QUANTITIES
BRIDGE REMOVAL (PORTION), LOCATION L
CHAIN LINK RAILING (TYPE 6 MODIFIED) LUMP SUM
138 m



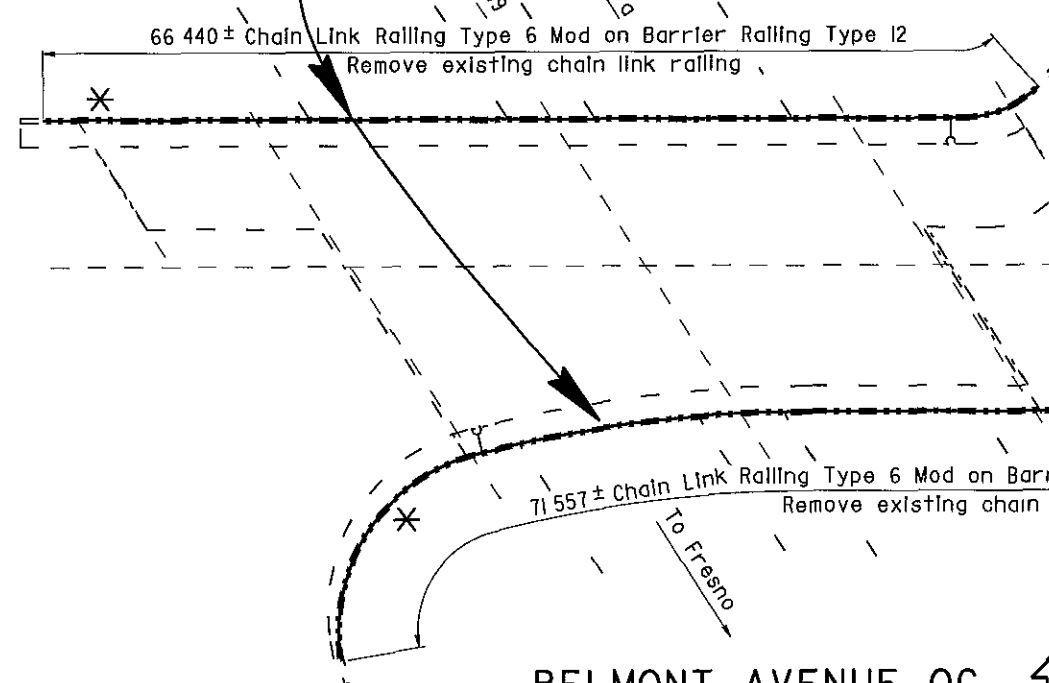
FRESNO STREET OC

Br No 42-0170, Fre, KP 33 3
I 250



EL DORADO STREET OC

Br No 42-0184, Fre, KP 34 6
I 250



BELMONT AVENUE OC

Br No 42-0186, Fre, KP 36 5
I 250



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

 DESIGN ENGINEER 10/3/00	DESIGN	BY D Acoba	4/00	CHECKED F Tannous	5/00	LAYOUT	BY K Endow	4/00	CHECKED D Acoba	4/00	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	ENGINEERING SERVICE CENTER STRUCTURE MAINTENANCE	BRIDGE NO	Various	ROUTE 99 BRIDGES GENERAL PLAN NO. 5	
	DETAILS	BY K Endow	4/00	CHECKED F Tannous	5/00	SPECIFICATIONS	BY J Maroney	9/00	PLANS AND SPECS COMPALED	J Maroney			9/00	KILOMETER POST		Varies
	QUANTITIES	BY D Acoba	5/00	CHECKED F Tannous	5/00											
	ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS												CU 06015 EA 440101	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)
STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (METRIC) (REV 11/06/99)											FILE => nagg5.dgn		5/13/00 7/17/00 9/28/00 10/3/00		5	11



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
06	Fre	99	23 3/50 7	128	133

REGISTERED CIVIL ENGINEER
10/3/00
11-13-00
PLANS APPROVAL DATE
No 52003
Exp 12-31-02
CIVIL
STATE OF CALIFORNIA
DIOSDADO ACOPA

NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL

- * Note:
The addition of a 1/4" x 3" x 20' cover plate to all bridge railing except at Cosmos Playground POC.
- * See sheet 130/133 for details.

NOTES

- Indicates existing
- () Indicates approximate location of existing electroliter (To remain)

Note

Remove existing Chain Link Railing Type 7
core 152 mm x 230 mm deep hole at existing
post location for new posts

OLIVE AVENUE OC

Br No 42-0187, Fre, KP 37 5
I 250



116 733 ± Chain Link Railing Type 6 Mod on Concrete Barrier Type 26R

Clinton Ave

CLINTON AVENUE OC

Br No 42-0183, Fre, KP 39 3
I 250



OLIVE AVENUE OC 42-0187
QUANTITIES

BRIDGE REMOVAL (PORTION), LOCATION M
CHAIN LINK RAILING (TYPE 6 MODIFIED) LUMP SUM
129 m

CLINTON AVENUE OC 42-0183
QUANTITIES

BRIDGE REMOVAL (PORTION), LOCATION N
CHAIN LINK RAILING (TYPE 6 MODIFIED) LUMP SUM
116 m

AS BUILT

MRC 1-3-03

CORRECTIONS BY John Borquez

CONTRACT NO 06-440104

DATE 11-14-02

ALL DIMENSIONS ARE IN
METERS UNLESS OTHERWISE SHOWN

DESIGN	BY	DATE	CHECKED	DATE	LAYOUT	BY	DATE	CHECKED	DATE	STATE OF CALIFORNIA	ENGINEERING SERVICE CENTER	BRIDGE NO	ROUTE 99 BRIDGES
DESIGN	D Acoba	4/00	F Tannous	5/00	LAYOUT	K Endow	4/00	D Acoba	4/00	DEPARTMENT OF TRANSPORTATION	STRUCTURE MAINTENANCE	Various	GENERAL PLAN NO. 6
DETAILS	K Endow	4/00	F Tannous	5/00									
QUANTITIES	D Acoba	5/00	F Tannous	5/00	SPECIFICATIONS	J Maroney	9/00	J Maroney	9/00				

DESIGN ENGINEER: Michael J Lee 10/3/00

STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (METRIC) (REV 11/6/99)

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS: 0 10 20 30 40 50 60 70 80 90 100

CU 06015
EA 440101

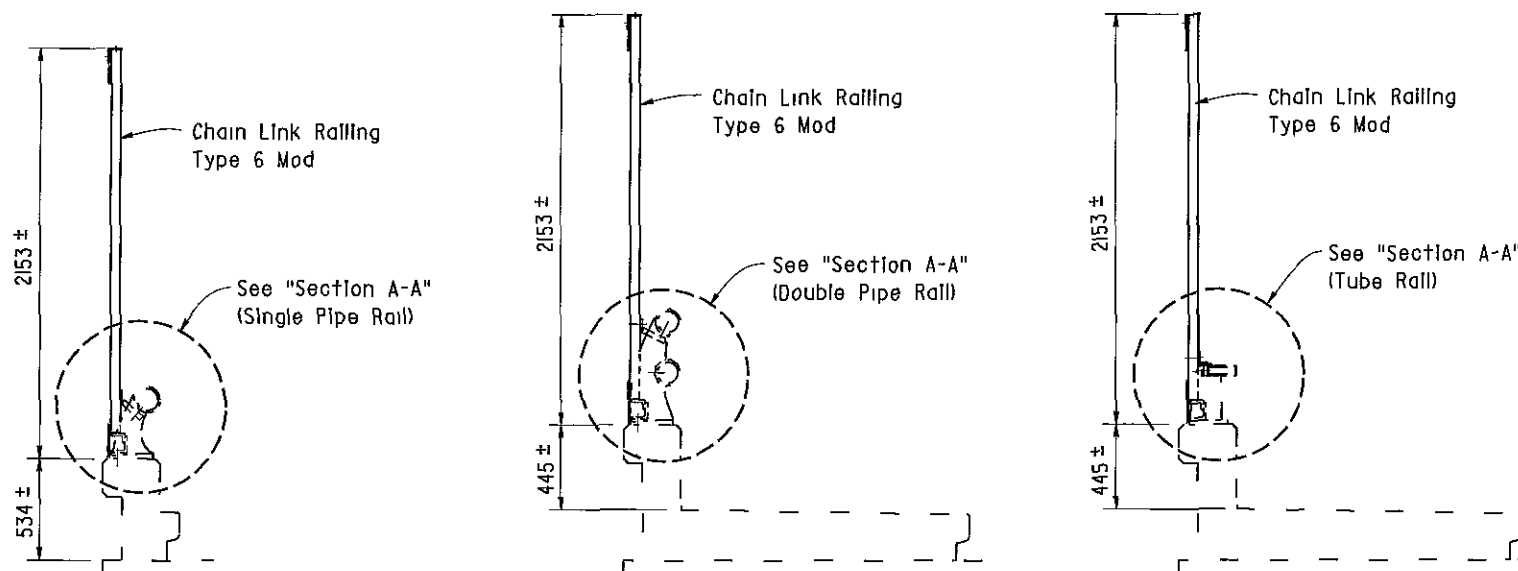
DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY): 5/25/00 7/17/00 9/26/00 10/3/00

SHEET 6 OF 11

NO CORRECTIONS AS BUILT

MRC 1-3-03
CORRECTIONS BY John Borquez
CONTRACT NO 06-440104
DATE 11-14-02



TYPE I

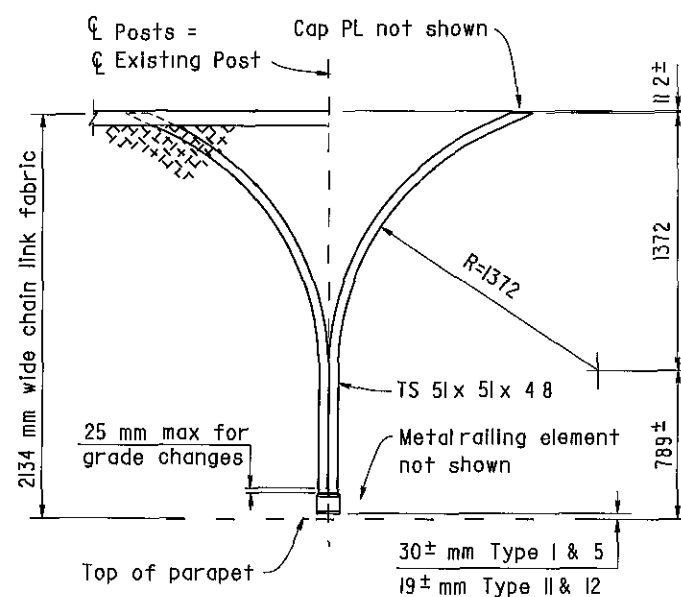
TYPE 5

TYPE 12

BARRIER RAILING SECTIONS

Existing chain link railing not shown

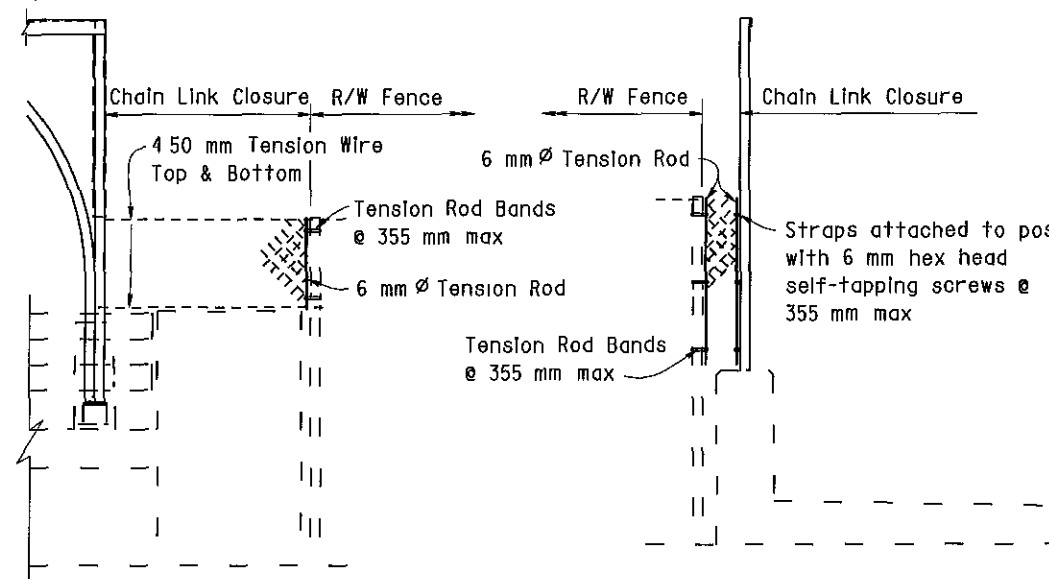
1 20



PART OUTSIDE ELEVATION

Note For details and notes not shown, see "Chain Link Railing Type 6 Mod No 1" sheet
1 10

- TYPE A**
- NORTH AVE OC - 2 Locations
 - CHURCH AVE OC - 4 Locations
 - CALIFORNIA AVE OC - 4 Locations
 - VENTURA ST OC - 4 Locations
- TYPE B**
- KERN ST OC - 4 Locations
 - TULARE ST OC - 4 Locations
 - EL DORADO ST OC - 4 Locations



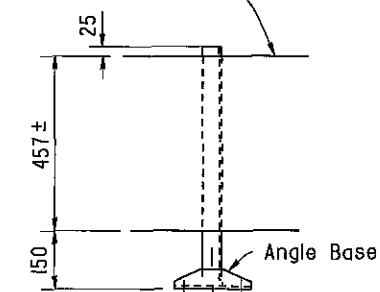
TYPE A

TYPE B

R/W FENCE CONNECTION

1 10

Remove existing sign panels and reinstall on new post

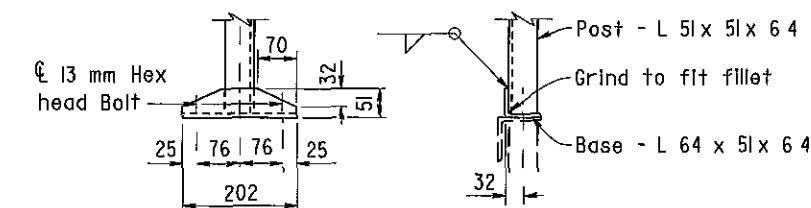


TULARE ST OC

4 Locations

Note

Reinstall signs at approximately the same location on chain link railing as existing

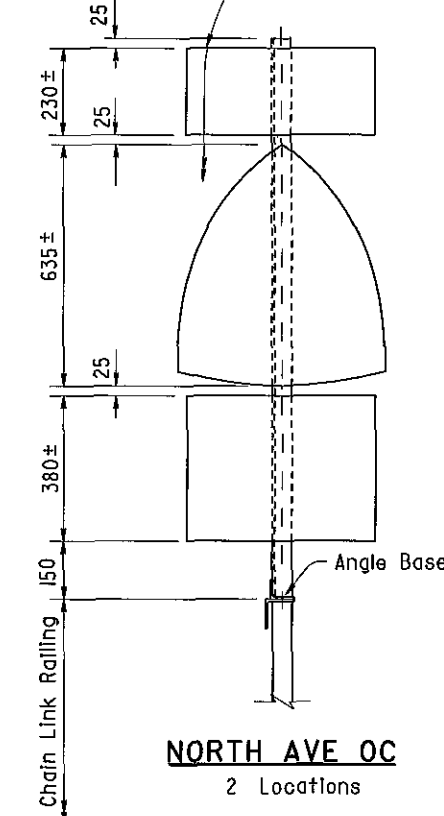


ANGLE BASE

Note

Hot dip galvanize sign post after fabrication
Field drilled holes to be painted with zinc rich paint

Remove existing sign panels and reinstall on new post



NORTH AVE OC

2 Locations

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

DESIGN	BY D Acoba	5/00	CHECKED F Tannous	5/00
DETAILS	BY K Endow	5/00	CHECKED F Tannous	5/00
QUANTITIES	BY D Acoba	5/00	CHECKED F Tannous	5/00

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

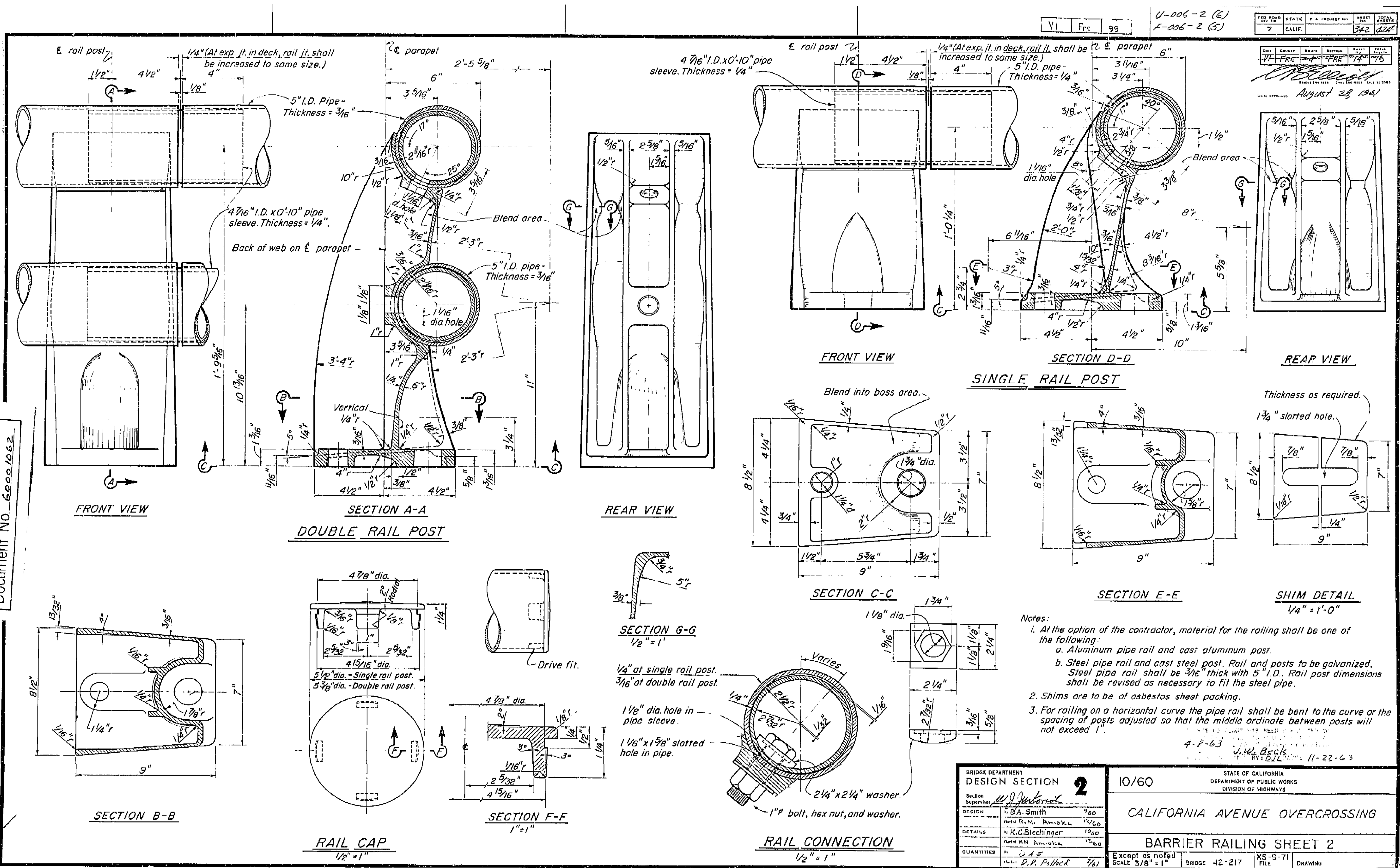
ENGINEERING SERVICE CENTER
STRUCTURE MAINTENANCE

BRIDGE NO
Various
KILOMETER POST
Varies

ROUTE 99 BRIDGES
CHAIN LINK RAILING TYPE 6 MOD NO. 2

AS BUILT PLANS
Contract No. 62-6713-3
Date Completed
Document No. 60001062

STANDARD
By: J. L. Smith
Checked: M. F. Smith
Date: 12/24/60

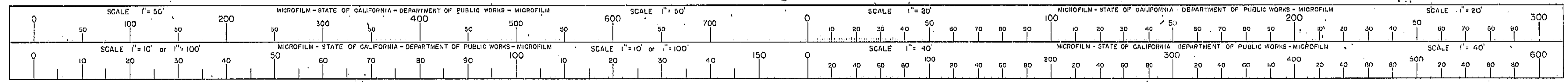


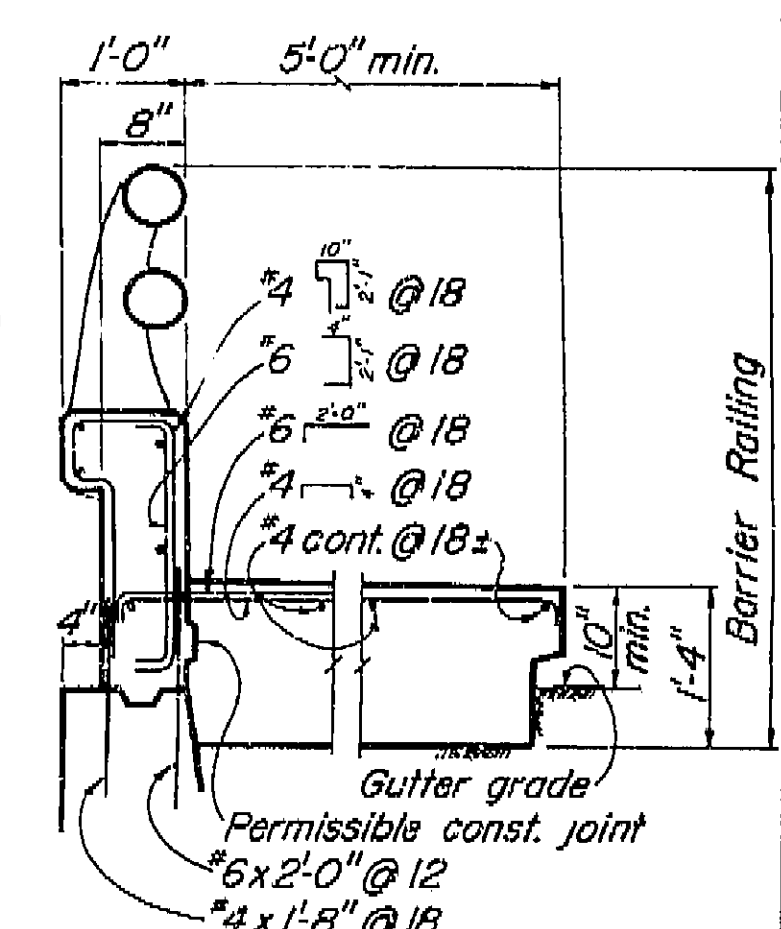
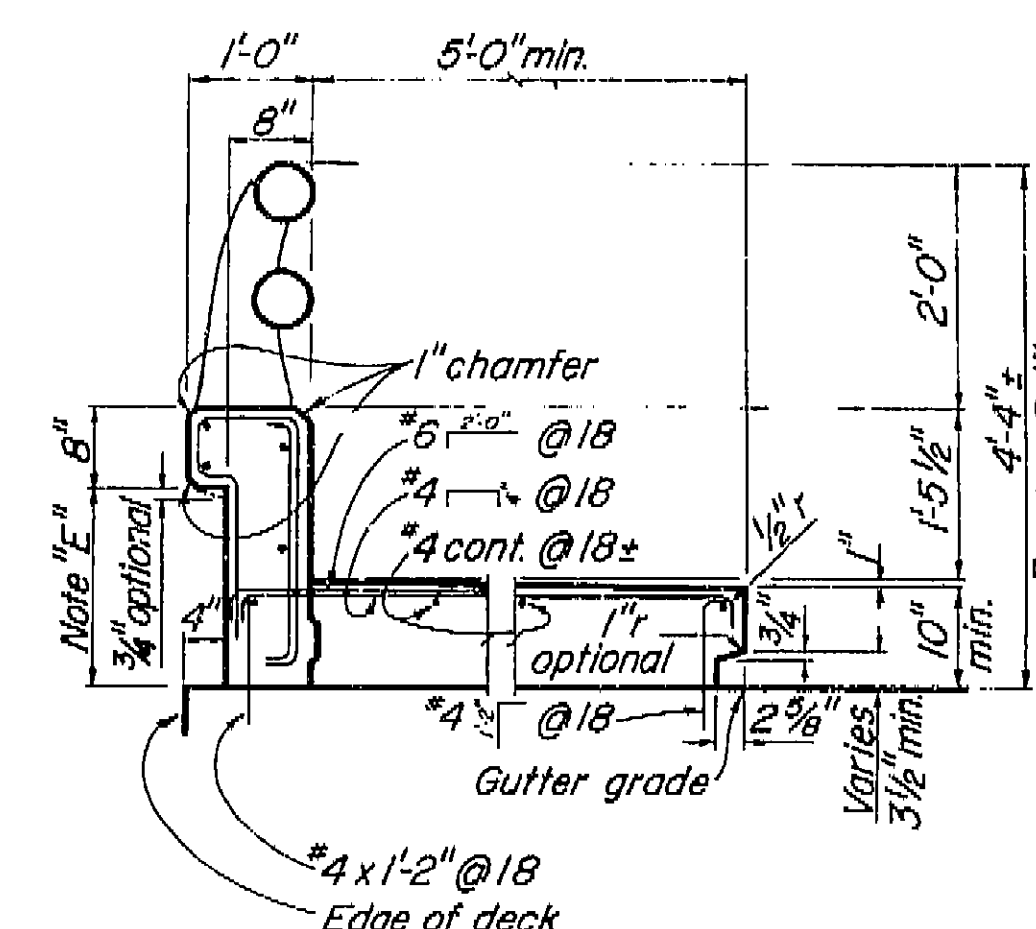
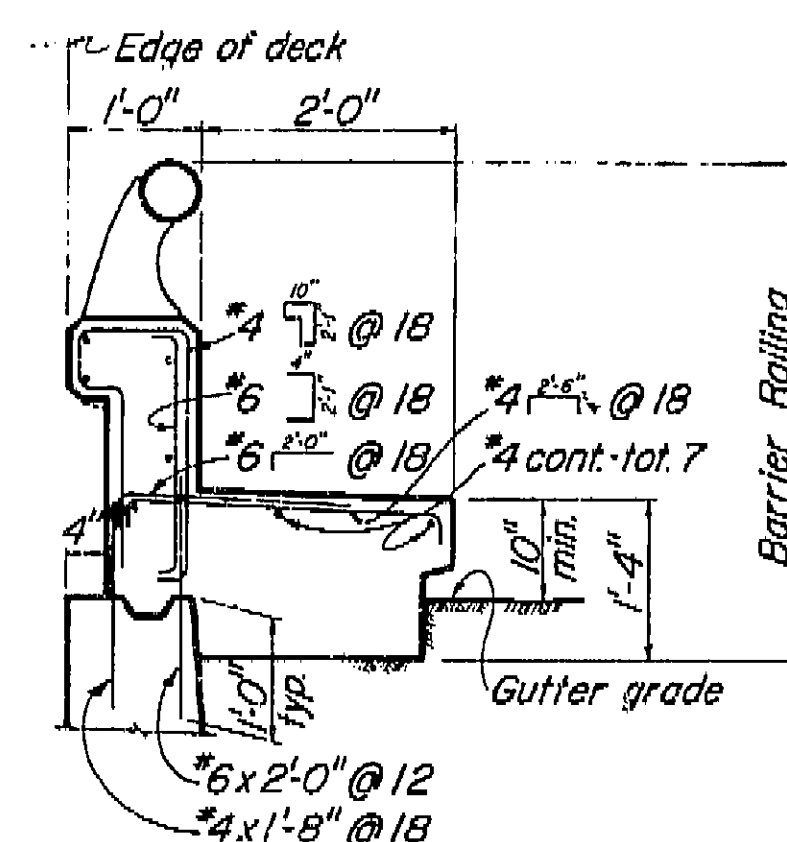
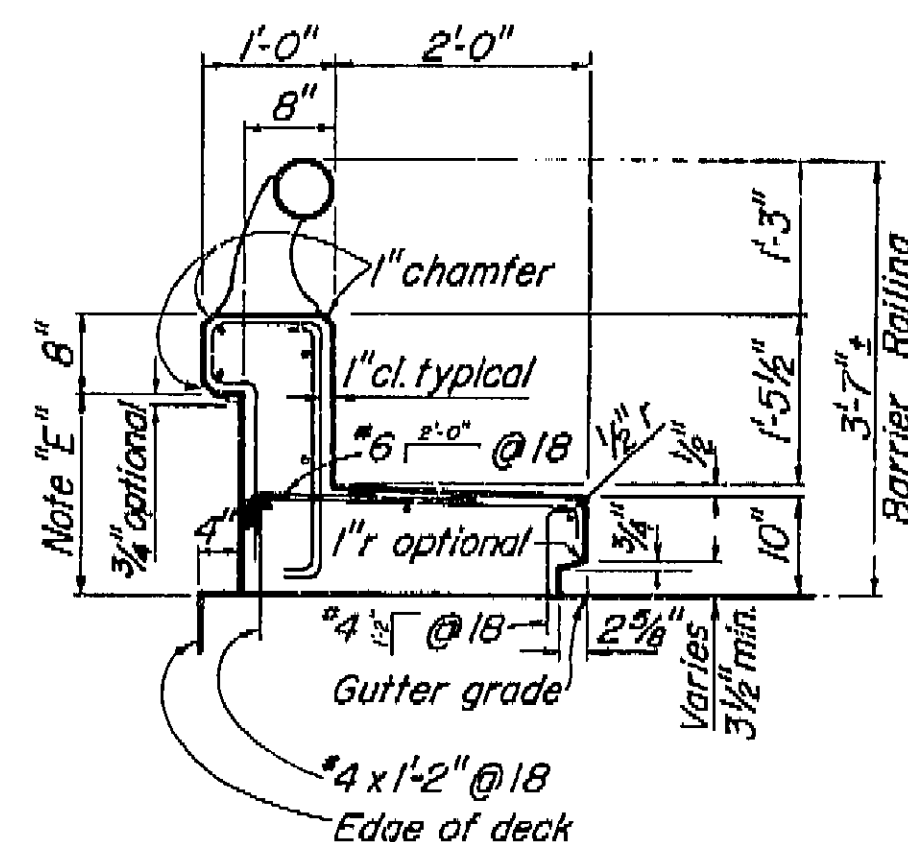
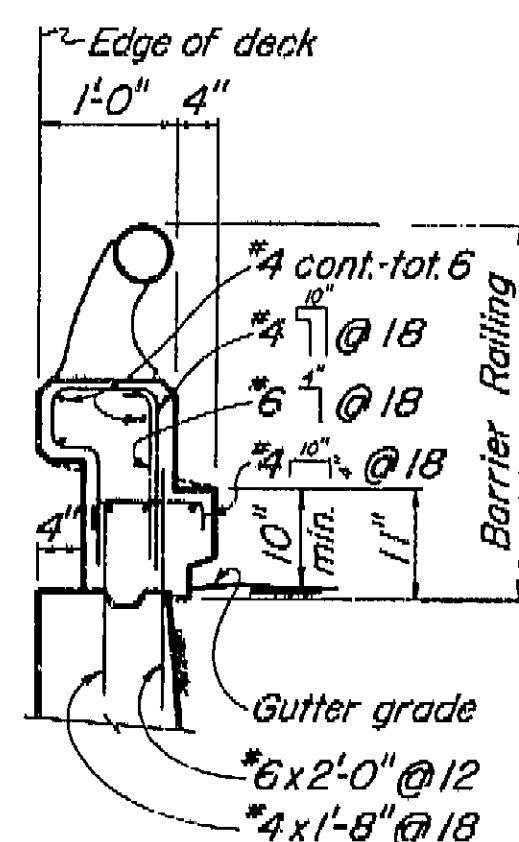
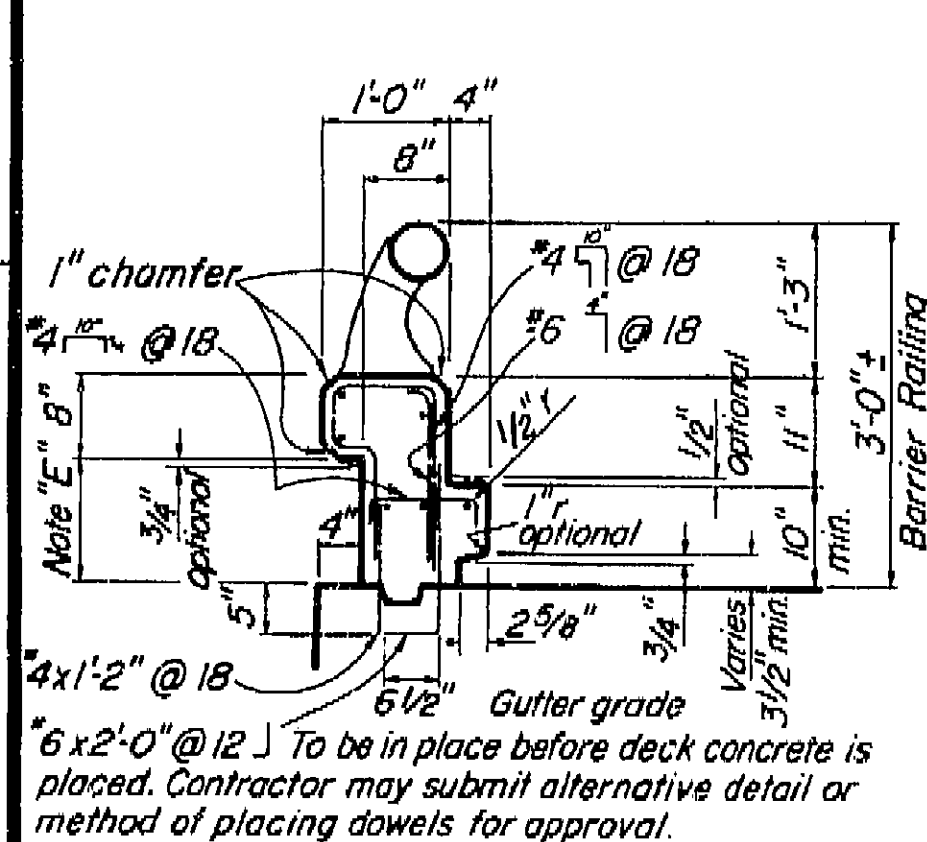
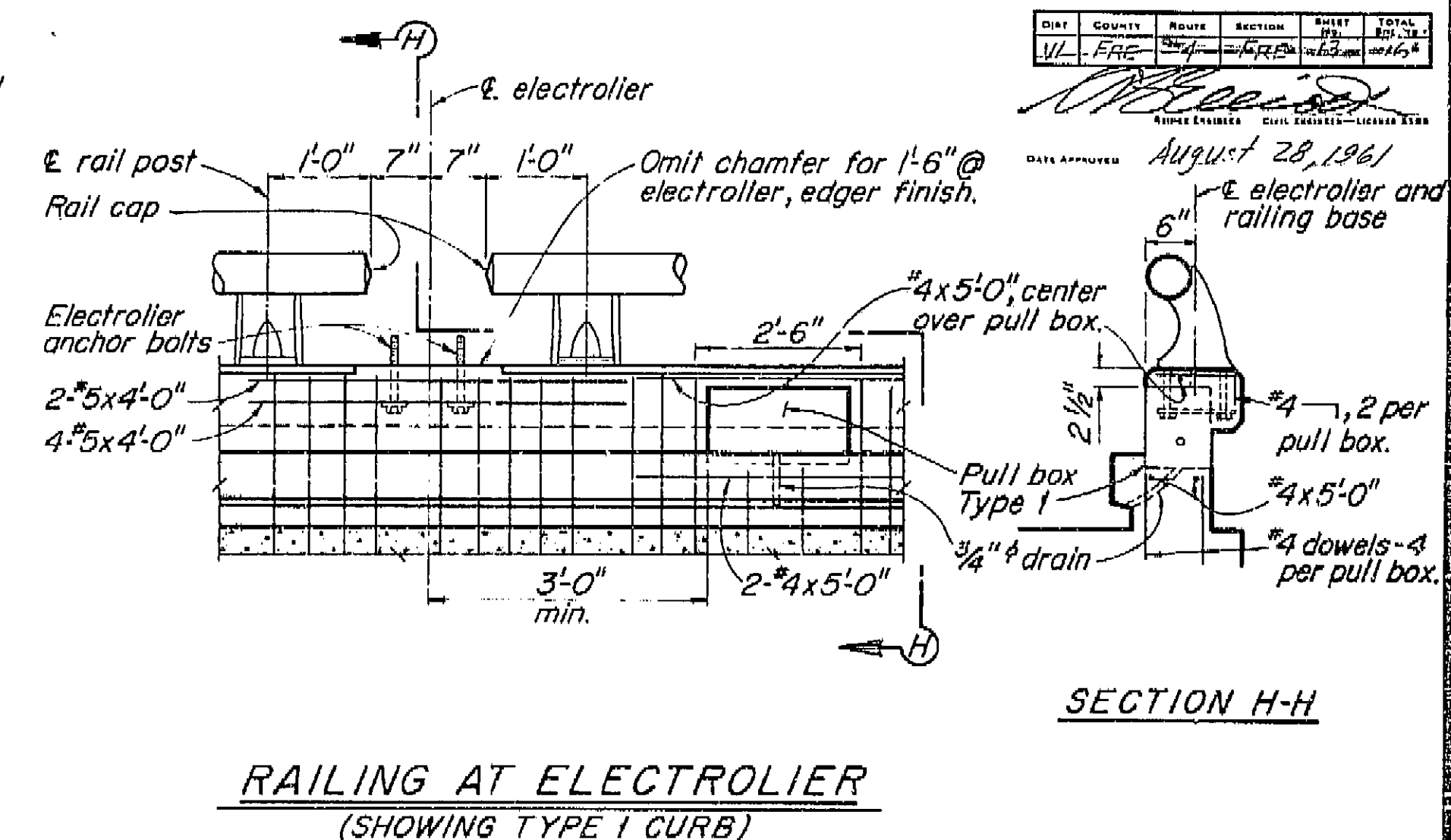
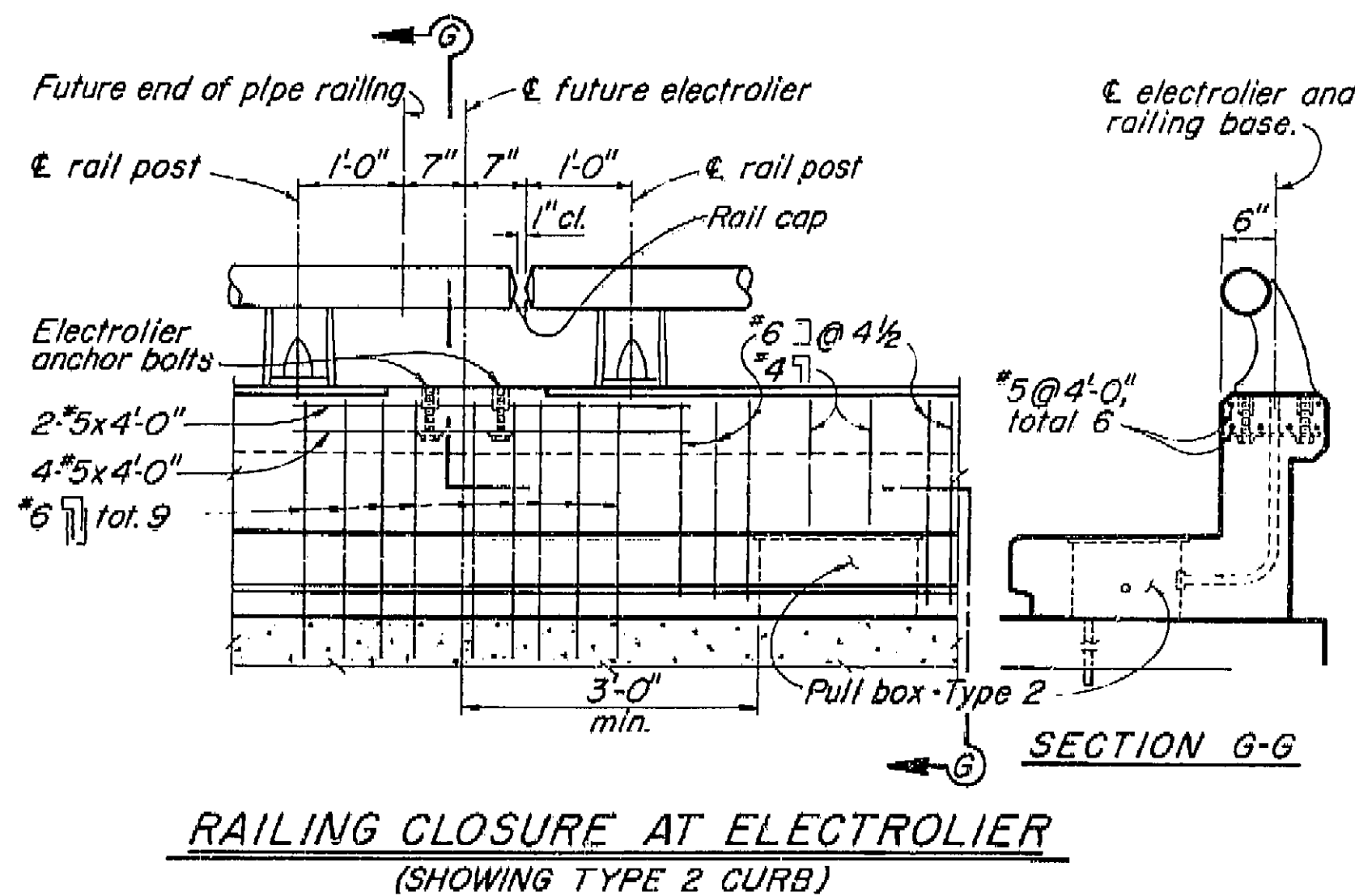
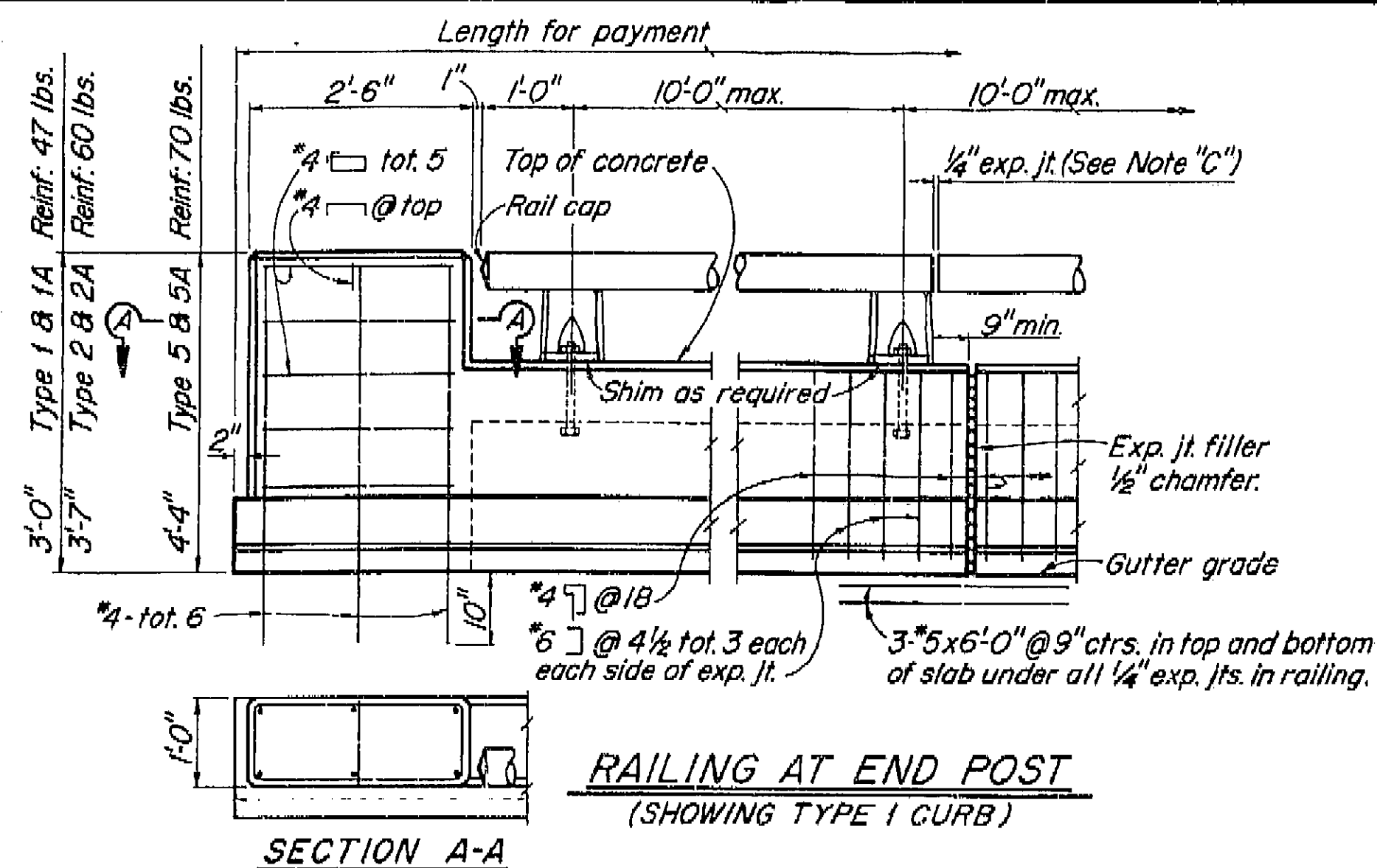
Notes:

- At the option of the contractor, material for the railing shall be one of the following:
 - Aluminum pipe rail and cast aluminum post.
 - Steel pipe rail and cast steel post. Rail and posts to be galvanized. Steel pipe rail shall be 3/16" thick with 5" I.D. Rail post dimensions shall be revised as necessary to fit the steel pipe.
- Shims are to be of asbestos sheet packing.
- For railing on a horizontal curve the pipe rail shall be bent to the curve or the spacing of posts adjusted so that the middle ordinate between posts will not exceed 1".

BRIDGE DEPARTMENT DESIGN SECTION 2		10/60		STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS	
Supervisor: J. L. Smith		960		CALIFORNIA AVENUE OVERCROSSING	
DESIGNER: J. L. Smith		12/60		BARRIER RAILING SHEET 2	
DETAILS: J. L. Smith		10/60		Except as noted SCALE 3/8" = 1"	
QUANTITIES: J. L. Smith		12/60		BRIDGE 42-217	
Checked: D. P. Pollock		7/61		XS-9-71	
Disregard prints bearing earlier numbers		PREL. DRAWING NO. P. 7075 15		DRAWING	

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.
DATE 12/24/60 SIGNATURE J. L. Smith TITLE J. L. Smith





TYPE 1
 Conc. 1.61 cu. ft. / lin. ft.
 Reinf. 11.8 lbs. / lin. ft.

TYPE 1A
 Conc. 1.6/ cu.ft./lin.ft.
 Reinf. 12.0 lbs./lin.ft.

TYPE 2
 Conc. 3.43 cu. ft./lin. ft.
 Reinf. 147 lbs./lin. ft.

TYPE 2A
 Conc. 4.30 cu.ft./lin.ft.
 Reinf. 17.3 lbs./lin.ft.

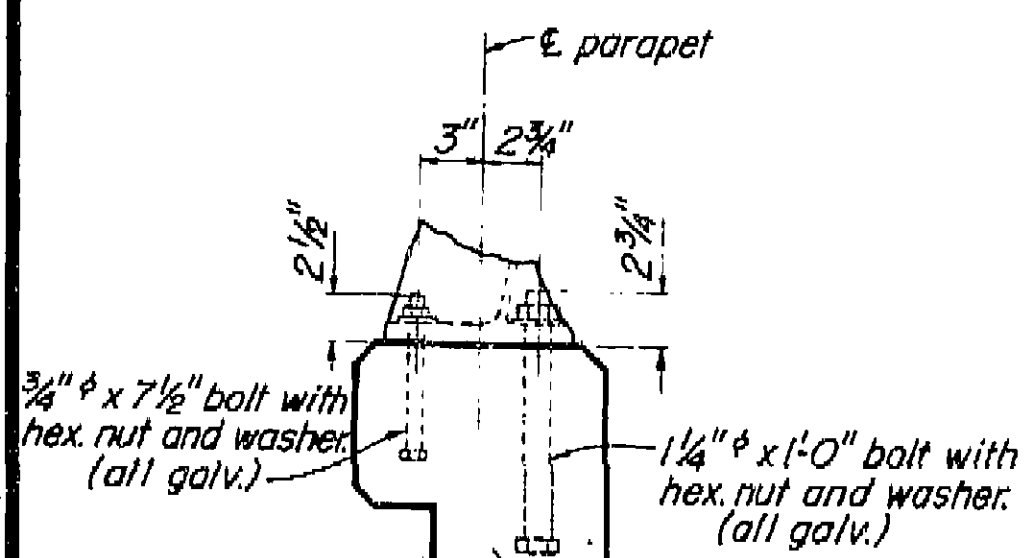
TYPE 5

Conc. 6.10 cu. ft. / lin. ft.	} — For 5'-0" width
Reinf. 17.2 lbs. / lin. ft.	
Conc. 0.84 cu. ft. / lin. ft.	} — Per additional ft. (width)
Reinf. 2.1 lbs. / lin. ft.	

TYPE 5A

{ Conc. 8.35 cu. ft./lin. ft.
Reinf. 19.7 lbs./lin. ft.

h) { Conc. 1.34 cu. ft./lin. ft.
Reinf. 2.1 lbs./lin. ft.



RAIL POST ANCHOR BOLT DETAIL
Scale: $1\frac{1}{2}" = 1'-0"$

AS BUILT PLANS
Contract No. 62-6713C3
Date Completed
Document No. 60001062

Note:

- A. Railing shall conform to horizontal and vertical alignment.*
- B. Posts shall be normal to railing.*
- C. Curb and wall exp. jts. to be located at all deck joints, at E. piers or bents and at uniform spacing (40' max.) between those specified. Joint size to be 1/4" min. and increased to match deck joints.*
- D. Construct 3" deep x 12" wide overflow scupper 2' above deck at low points in grade.*
- E. Dimension will vary with cross-slope of deck.*
- F. Walls are to be backfilled before railing is placed.*

G. Clearance to reinforcing steel in curb and railing to be 1."

BRIDGE DEPARTMENT DESIGN SECTION <div style="text-align: right; font-size: 2em; font-weight: bold;">2</div>	<div style="font-size: 2em; font-weight: bold;">10/60</div>	STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS
Section Supervisor: <i>CC Johnston</i>		
DESIGN By: D.A. Smith 20 Check: R.N. Amick 12-60	<div style="font-size: 1.5em; font-weight: bold;">CALIFORNIA AVENUE OVERCROSSING</div>	
DETAILS By: K.C. Blechinger 10 Check: R.N. Amick 12-60		
QUANTITIES By: <i>AS</i> Check: <i>D.P. Plock</i> 3/61	<div style="font-size: 1.5em; font-weight: bold;">BARRIER RAILING SHEET 1</div>	
Except as noted SCALE 3/4" = 1'-0"		BRIDGE 42-217 XS-9-63 FILE
		DRAWING 8-7075-13

Disregard prints bearing earlier numbers. —

REF. DRAWING NO. B-7076

	25
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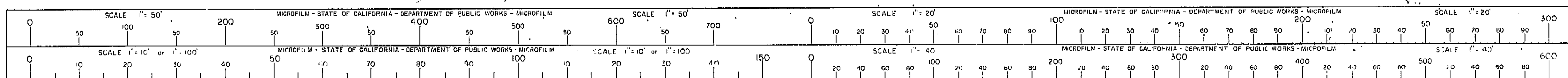
7			
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[illegible]

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

DATE _____ SIGNATURE _____ TITLE _____



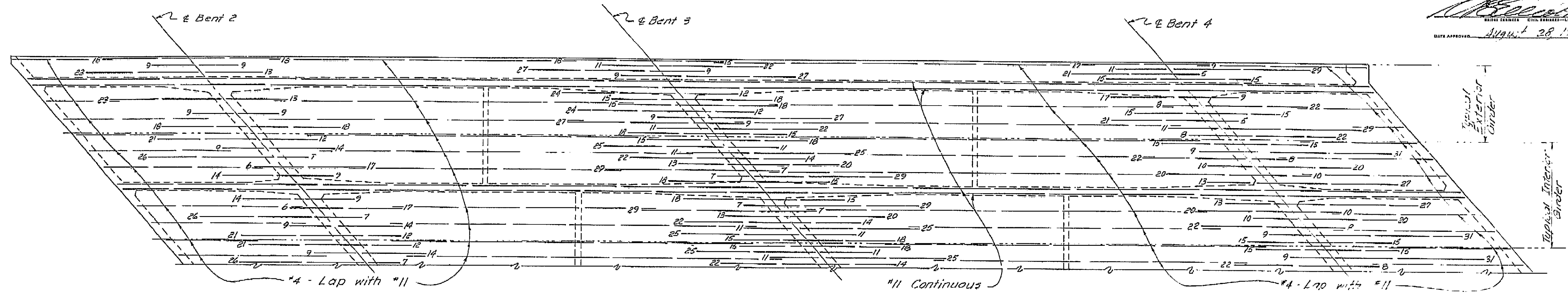
VI Fre 99

11-006-2(6)
11-006-2(5)

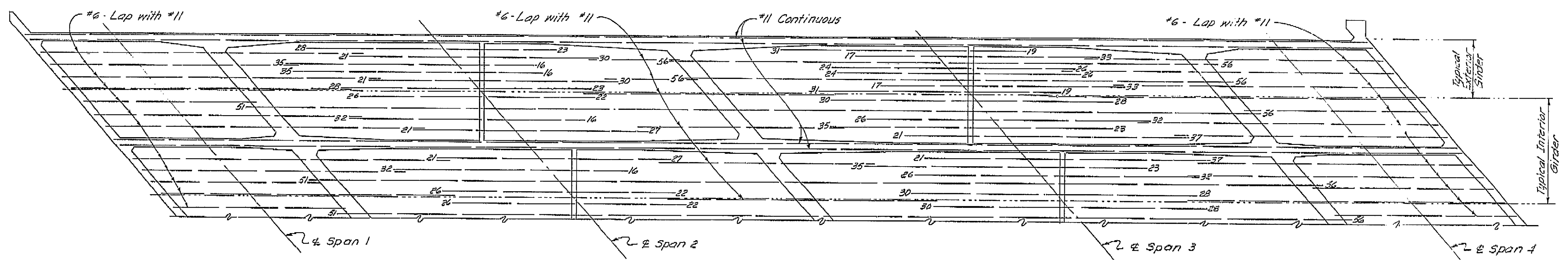
FED. ROAD DIV. NO.	STATE	F. A. PROJECT NO.	SHEET NO.	TOTAL SHEETS
7	CALIF.		338	432

DIST.	COUNTY	ROUTE	SECTION	POST MILES	TOTAL MILES
VI	Fre	99		10	16

DATE APPROVED: 11/24/61 28 1961

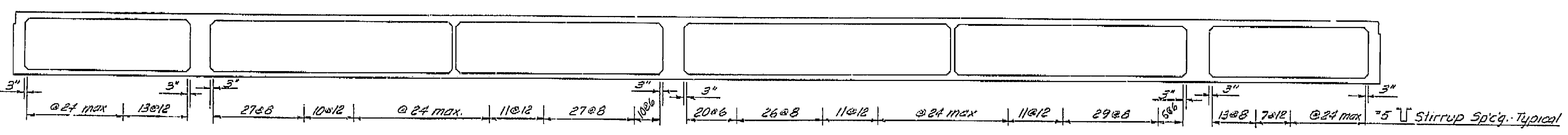


TOP REINFORCEMENT



BOTTOM REINFORCEMENT

Note: All bars are #11 except as noted.
No splicing of #11 bars permitted near & Bent for Top Reinforcement or near & Span for Bottom Reinforcement.
Numbers at ends of bars indicate distance in feet from & Bent for Top Reinforcement and from & Span for Bottom Reinforcement.



LONGITUDINAL SECTION

AS BUILT PLANS
Contract No. 62-6T13C3
Date Completed
Document No. 60001062

BRIDGE DEPARTMENT			
DESIGN SECTION 2			
Project Designer: <i>[Signature]</i>			
Chief Designer: <i>[Signature]</i>			
DESIGN	by D.A. Smith	9/50	Checked R.N. Amick
DETAILS	by K.C. Blechinger	10/60	Checked R.N. Amick
QUANTITIES	by		Checked D.P. Baker
SPECIFICATIONS	by		Checked
Approval Recommended by: <i>[Signature]</i>			

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS

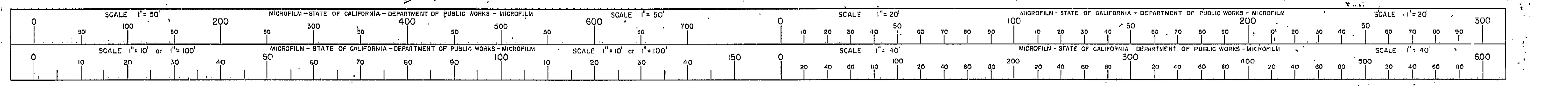
CALIFORNIA AVENUE OVERCROSSING

GIRDER REINFORCEMENT

SCALE: NONE BRIDGE 42-217 FILE DRAWING 0-7075-10

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

DATE 1-12-62 SIGNATURE *[Signature]* TITLE *[Title]*



VI Fre 99

U-006-2(6)
F-006-2(5)

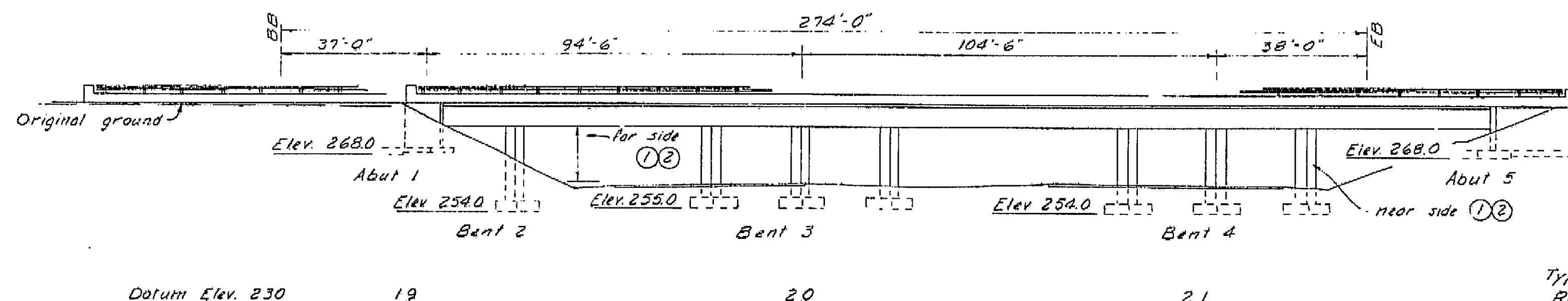
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7	CALIF.			344	424

DIST.	COUNTY	SECTION	RIGHT OF WAY	TOTAL
VI	Fre	99	16	16

DISTRICT ENGINEER

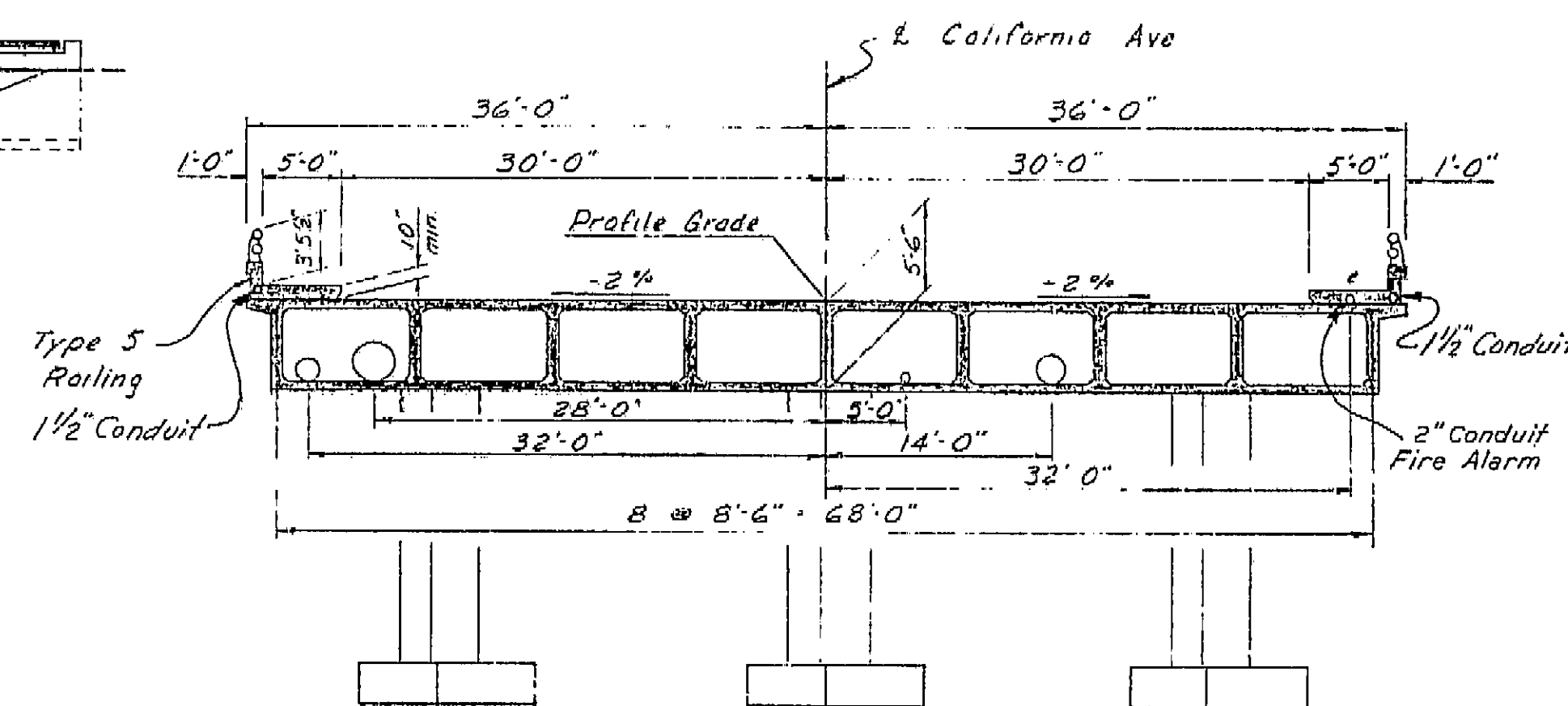
DATE APPROVED: AUGUST 28, 1961

PROFILE GRADE



ELEVATION

1" = 20'-0"



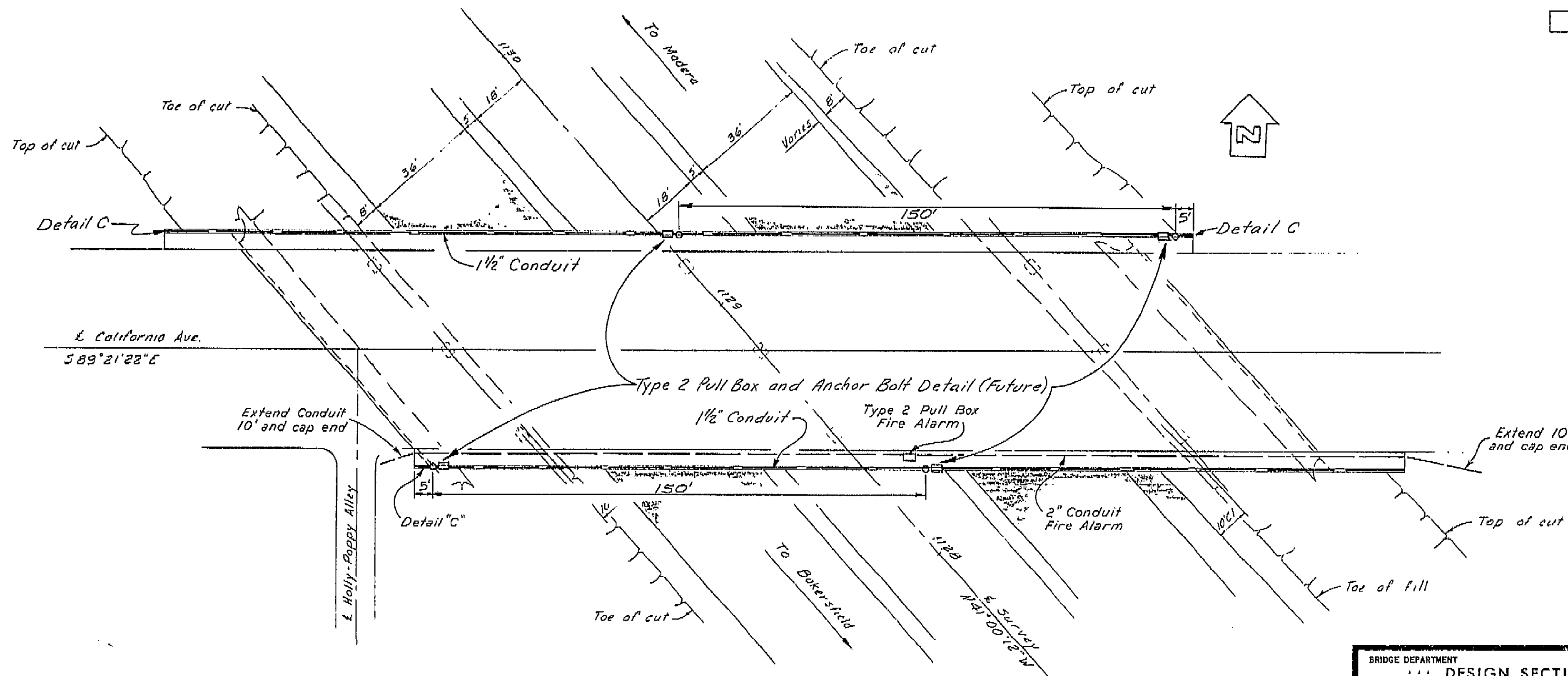
TYPICAL SECTION

4" = 1'-0"

Note: This plan accurate for highway lighting only.

AS BUILT PLANS
Contract No. 62-6713C3
Date Completed _____
Document No. 60001062

For additional notes see Sheet No. ES-7-4



PLAN

1" = 20'

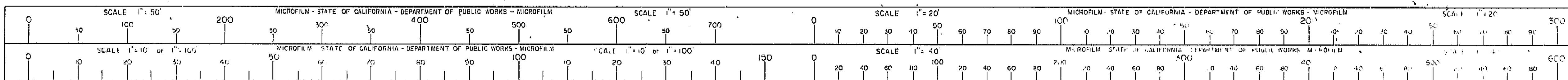
BRIDGE DEPARTMENT			
DESIGN SECTION			
Project Designer: <i>Ed Smith</i>			
Chief Designer: <i>Ed Smith</i>			
DESIGN	By: <i>D.A. Smith</i>	Checked: <i>Ed Smith</i>	2
DETAILS	By: <i>D.A. Smith</i>	Checked: <i>Ed Smith</i>	
QUANTITY	By: <i>D.A. Smith</i>	Checked: <i>Ed Smith</i>	
ELECTRICAL	By: <i>D.A. Smith</i>	Checked: <i>Ed Smith</i>	
Approval Recommended by: _____			

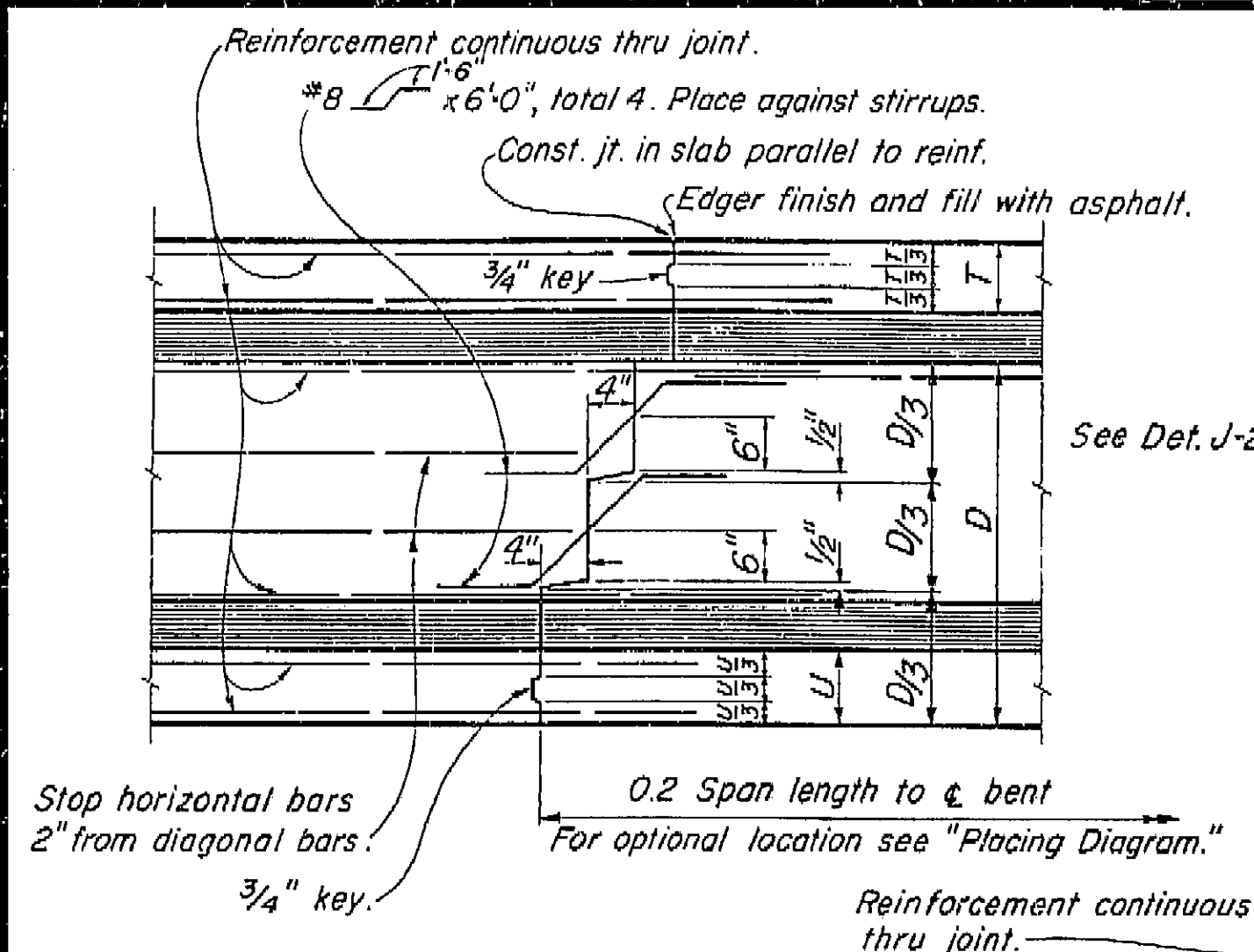
STATE OF CALIFORNIA			
DEPARTMENT OF PUBLIC WORKS			
DIVISION OF HIGHWAYS			
CALIFORNIA AVENUE OVERCROSSING			
LOCATED IN THE CITY OF FRESNO			
LIGHTING PLAN			
SCALE: As noted	BRIDGE: 42-217	FILE	DRAWING: 42217-16

PROJECT ENGINEER	DATE	DESIGN ENGINEER	DATE	APPROVAL RECOMMENDED BY	DATE
<i>Ed Smith</i>	4/61	<i>Ed Smith</i>	4/61	<i>Ed Smith</i>	4/61

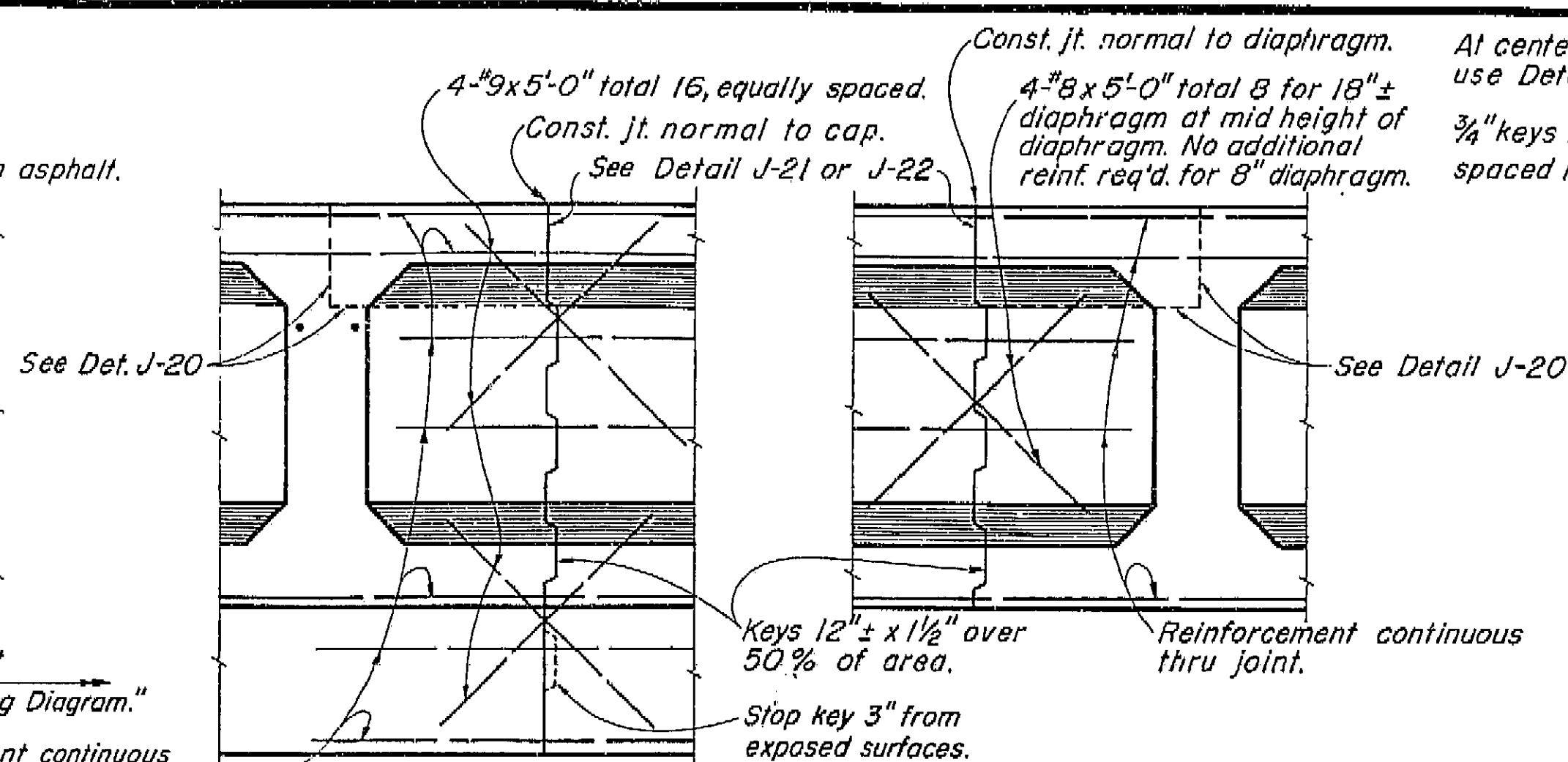
I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

DATE: _____ SIGNATURE: _____ TITLE: _____

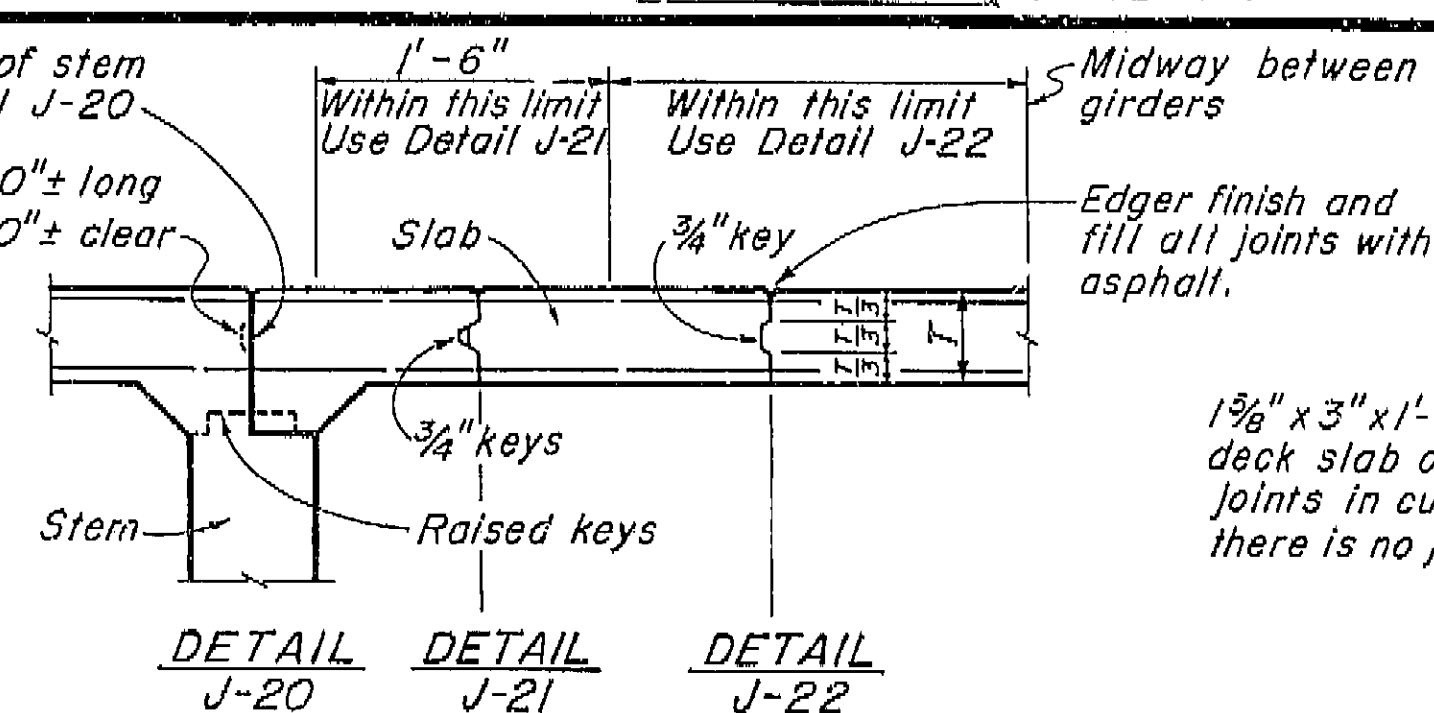




TRANSVERSE GIRDER CONSTRUCTION JOINTS
DETAIL J-3



BENT CAP DIAPHRAGMS
LONGITUDINAL CONSTRUCTION JOINTS
DETAIL J-4



DETAIL J-20 DETAIL J-21 DETAIL J-22

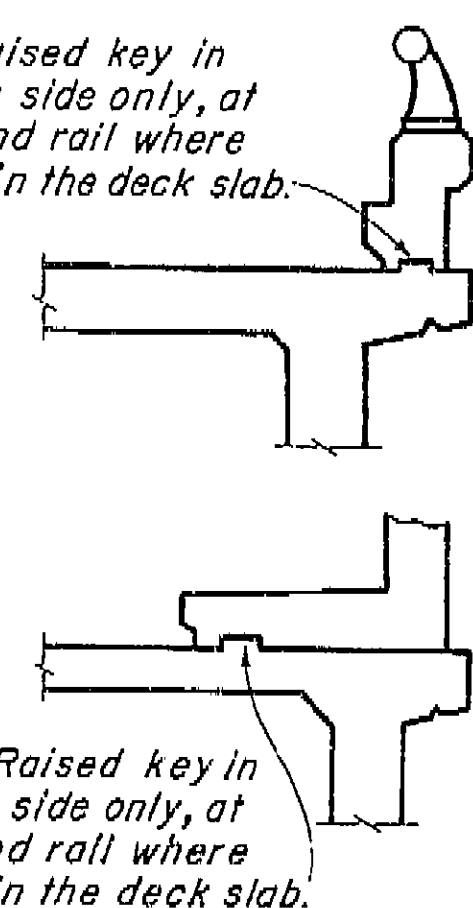
1'-0 1/2" 1'-0 1/2" 3/4"

3/4" 1 1/2"

Straight surface joint

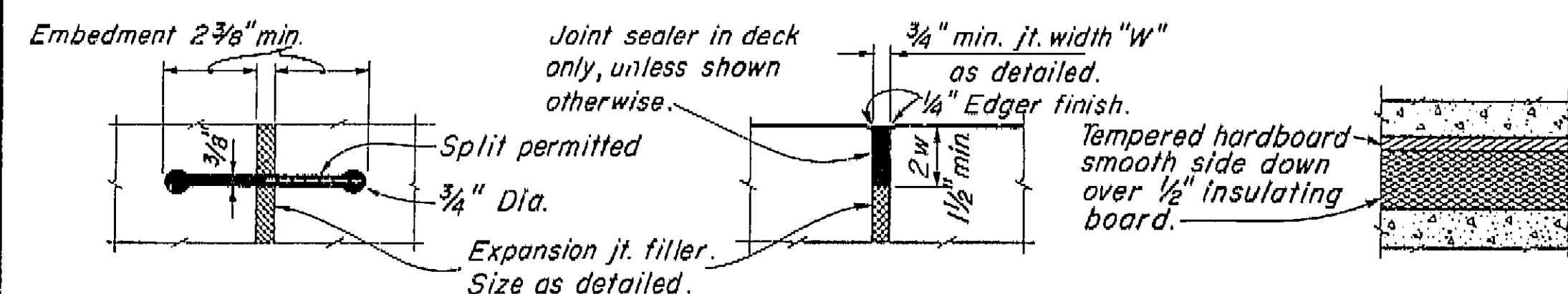
DETAIL J-20 DETAIL J-21 DETAIL J-22

DECK SLAB

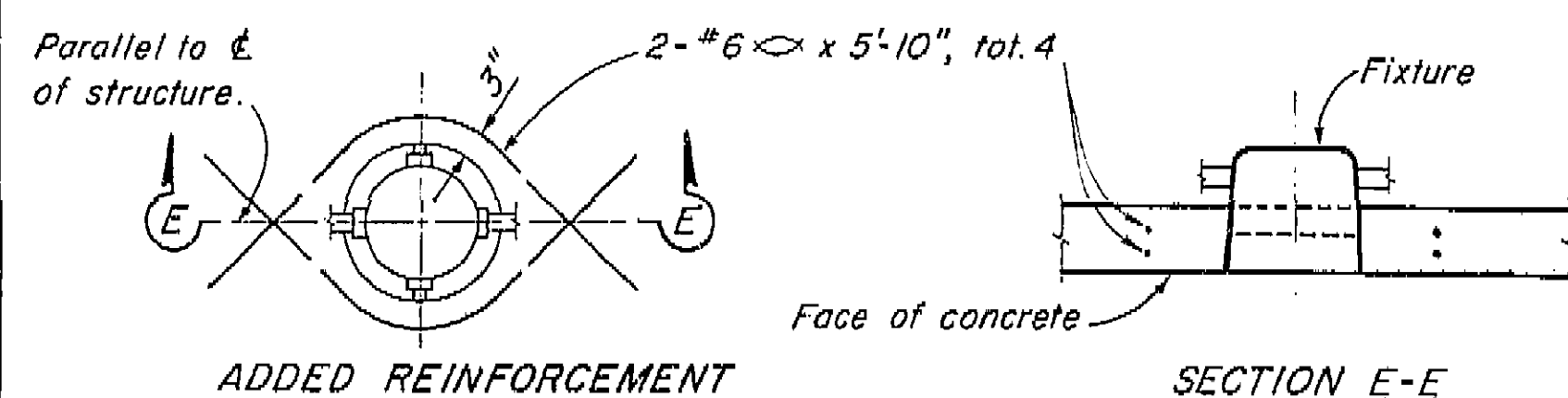


CURB AND SIDEWALK
EXPANSION JOINT
DETAIL C-1

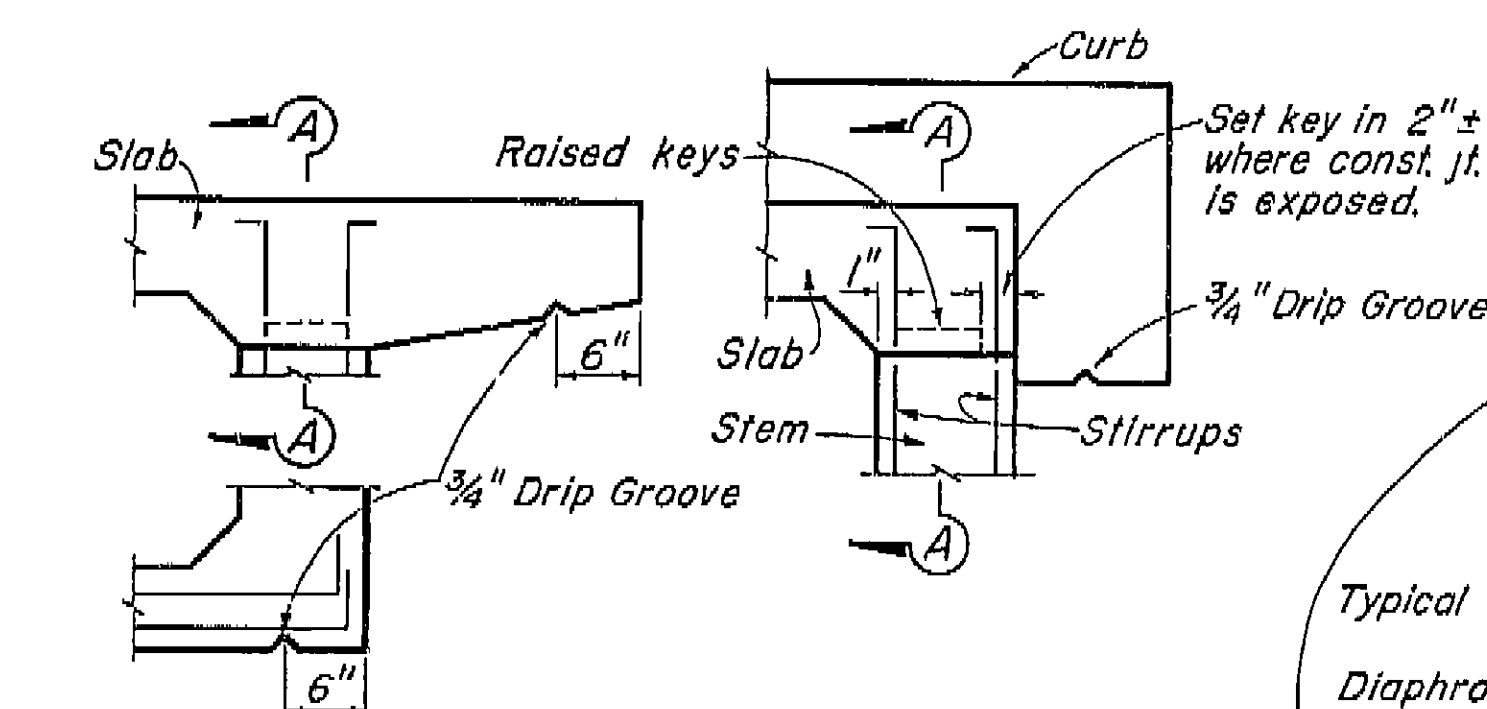
AS BUILT PLANS
Contract No. 62-6713C3
Date Completed
Document No. 60001062



RUBBER WATERSTOP
DETAIL W-1



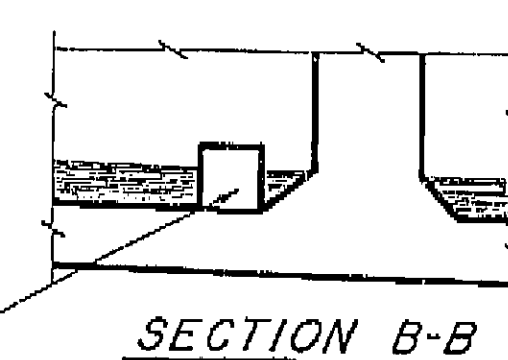
ADDED REINFORCEMENT S
RECESSED SOFFIT LIGHT
DETAIL F-1



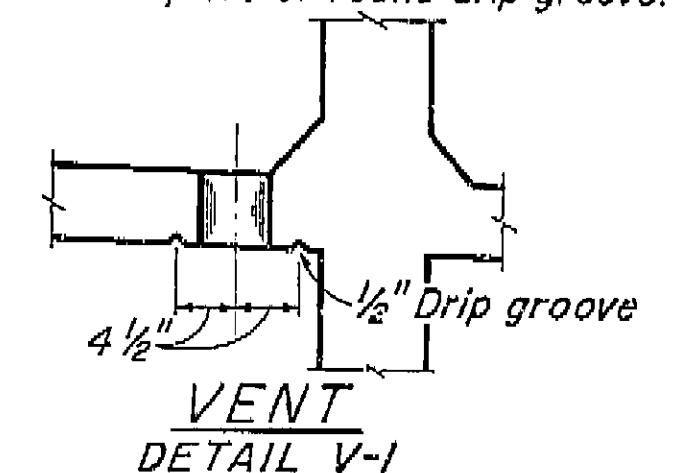
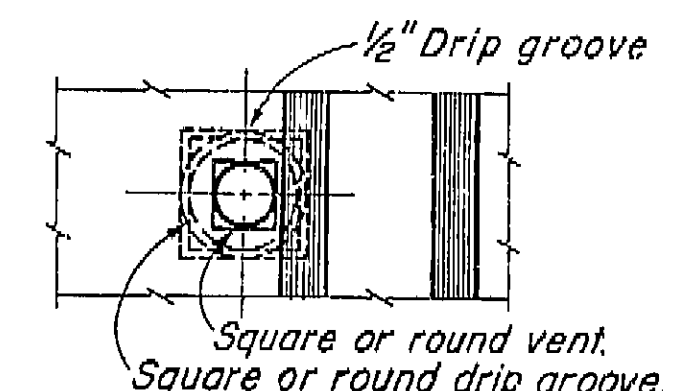
PART SECTIONS

EXTERIOR GIRDER
WITH SLAB CANTILEVER

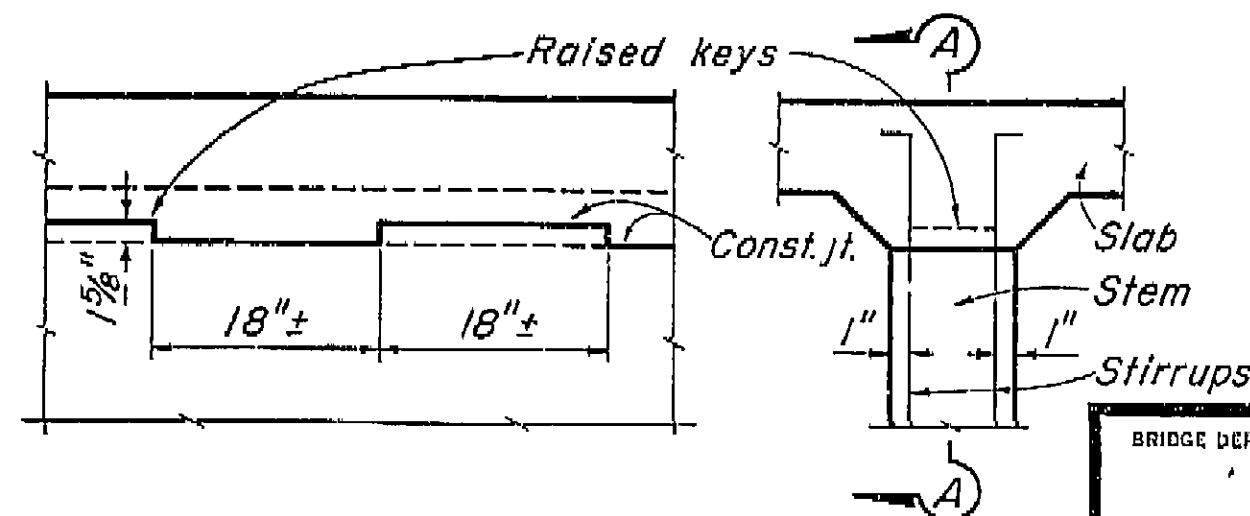
EXTERIOR GIRDER
WITH CURB



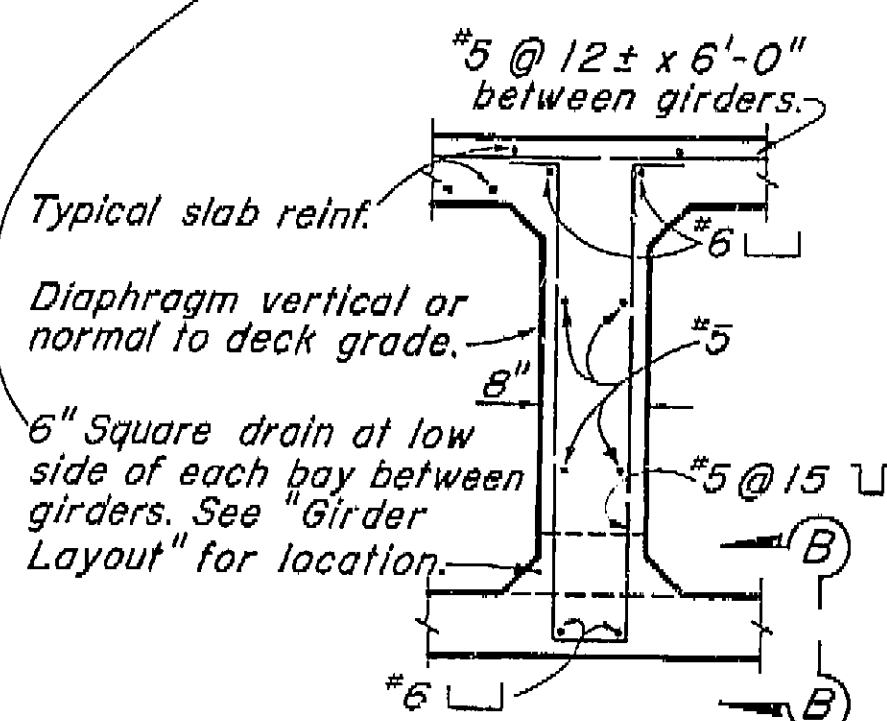
SECTION B-B



Note:
5" ϕ Vent in lower slab.
Min. of two vents per span in each bay between girders. One vent to be located at low point of span and other vent to be located at opposite end of span @ 1'-6" from face of Abutment or Bent. See "Girder Layout."



SECTION A-A PART SECTION
INTERIOR GIRDER
KEY-GIRDER STEM TO SLAB
DETAIL J-5



INTERMEDIATE DIAPHRAGM SECTION
DETAIL D-1

BRIDGE DEPARTMENT

DESIGN SECTION

2

Project Designer: *E. E. [Signature]*

Chief Designer: *W. P. [Signature]*

DESIGN	by D.A. Smith 960	checked R.N. Armistea 1260
DETAILS	by K.C. Blechinger 196	checked R.N. Armistea 1260
QUANTITIES	by <i>W.D.</i>	checked R.P. Feltner 361
SPECIFICATIONS	by	checked and approved

Approval Recommended by *[Signature]*

Civil and Structural
Engineering

1115

9/60

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS

CALIFORNIA AVENUE OVERCROSSING

STANDARD DETAILS NO. 1

SCALE: NONE

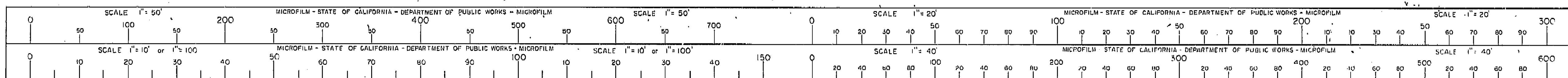
BRIDGE: 42-217

XS-16-22
FILE

DRAWING ②-7075-11

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

DATE 10/1/54 SIGNATURE [Signature] TITLE Chief Clerk



VI Fre 99

U-006-2(6)
F-006-2(5)

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	CALIF.			327	424

APPROXIMATE QUANTITIES

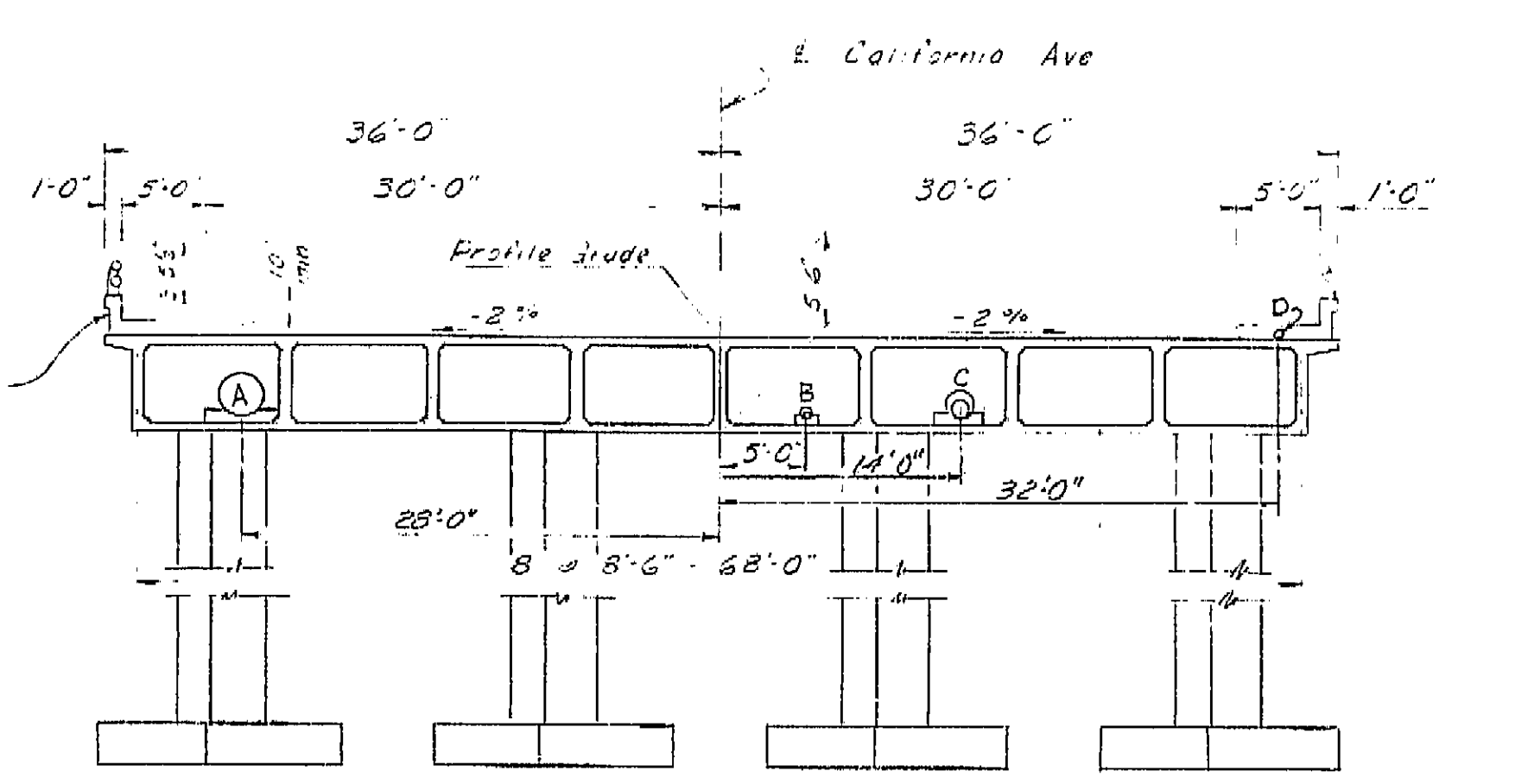
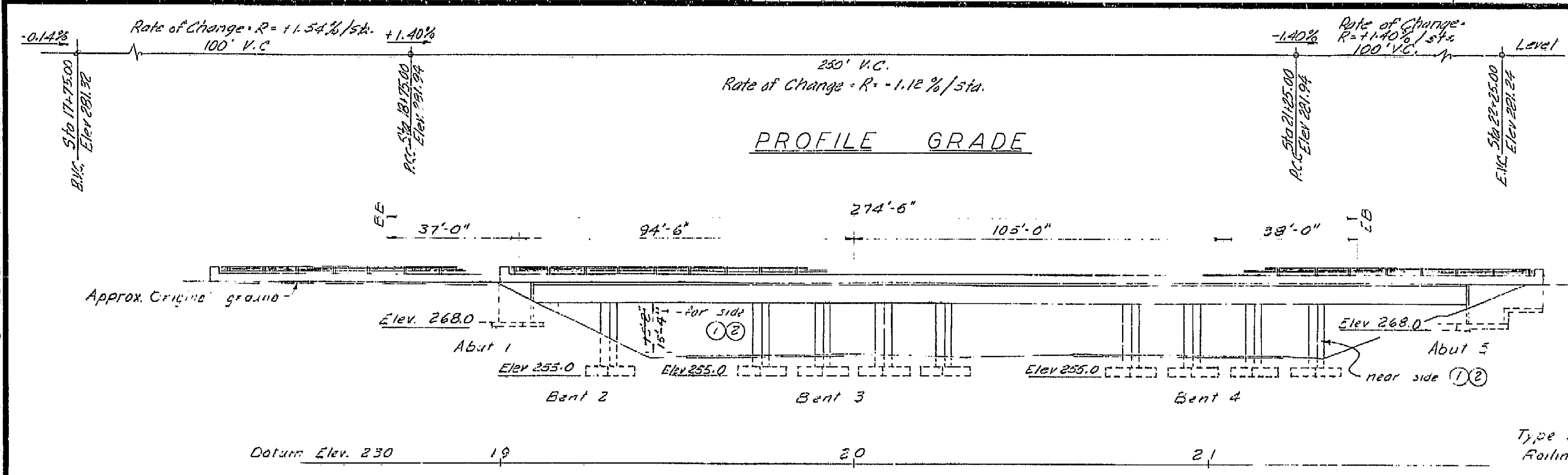
*STRUCTURE EXCAVATION (BRIDGE)	950 C.Y.
*STRUCTURE BACKFILL (BRIDGE)	670 C.Y.
*CLASS "A" CONCRETE (BRIDGE)	1,670 C.Y.
RUBBER WATERSTOPS	32 L.F.
*BAR REINFORCING STEEL (BRIDGE)	446,000 LBS.
BARRIER RAILING (TYPE 5)	614 L.F.

PM 19.9

August 28, 1961

*FINAL QUANTITIES

*STRUCTURE EXCAVATION (BRIDGE)	950 C.Y.
*STRUCTURE BACKFILL (BRIDGE)	670 C.Y.
*CLASS "A" CONCRETE (BRIDGE)	1,670 C.Y.
RUBBER WATERSTOPS	32 L.F.
*BAR REINFORCING STEEL (BRIDGE)	446,000 LBS.
BARRIER RAILING (TYPE 5)	614 L.F.



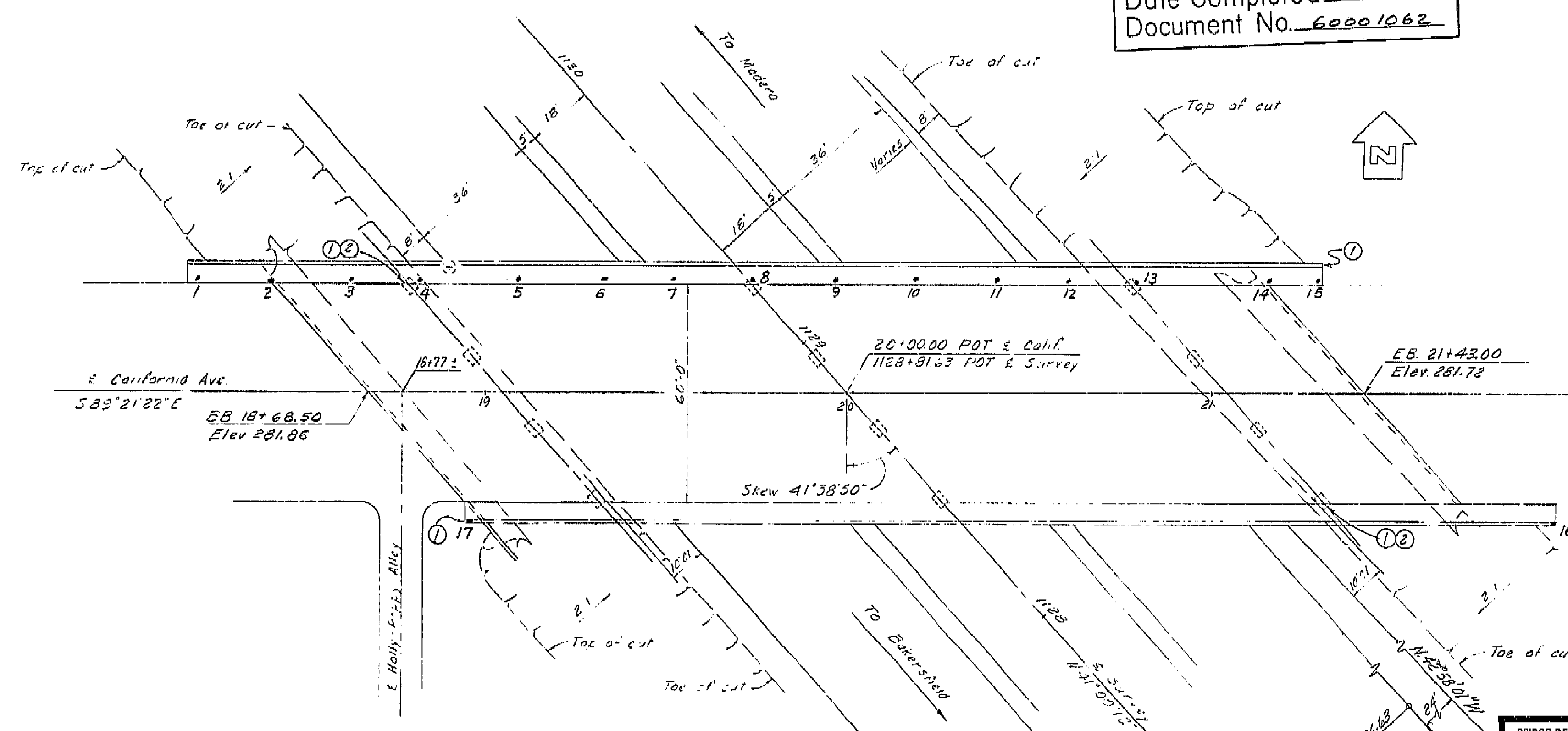
AS BUILT PLANS
Contract No. 62-6T13C3
Date Completed _____
Document No. 60001062

Final Elevations - Copper Nails

1.	281.638
2.	281.846
3.	282.037
4.	282.379
5.	282.514
6.	282.776
7.	282.930
8.	283.028
9.	283.130
10.	283.090
11.	282.946
12.	282.736
13.	282.529
14.	282.363
15.	282.100
16.	281.765
17.	282.527

INDEX TO PLANS

SHEET NO.	TITLE
1.	General Plan
2.	Grid of Deck Elevations
3.	Foundation Plan
4.	Abutment No. 1 Details
5.	Abutment No. 5 Details
6.	Type 1A Cantilever Retaining Wall
7.	Bent 2 & 4 Details
8.	Bent 3 Details
9.	Typical Section & Girder Layout
10.	Girder Reinforcement
11.	Standard Details No. 1
12.	Standard Utility Detail No. 1
13.	Barrier Railing Sheet 1
14.	Barrier Railing Sheet 2
15.	Log of Test Borings
16.	Lighting Plan



- ① Indicates location for painting "Bridge Number + year of construction."
- ② Indicates location for painting "California Avenue Overcrossing".
- ③ Indicates location of minimum vertical clearance.

PLAN
1" = 20'

LIVE LOADING: H20-S16-44
AND ALTERNATIVE

BRIDGE DEPARTMENT

DESIGN SECTION

2

Project Designer: [Signature]

Chief Designer: [Signature]

DESIGN	BY <u>D.A. Smith</u>	Checked <u>R.N. Amick</u>
DETAILS	BY <u>C.A. Smith</u>	Checked <u>R.N. Amick</u>
QUANTITIES	BY <u>D.A. Smith</u>	Checked <u>D.P. Peltier</u>
SPECIFICATIONS	BY <u>[Signature]</u>	Checked <u>[Signature]</u>

Approved Recommended by: [Signature]

Drawn and Dimensioned: [Signature]

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

DIVISION OF HIGHWAYS

CALIFORNIA AVENUE OVERCROSSING

LOCATED IN THE CITY OF FRESNO

GENERAL PLAN

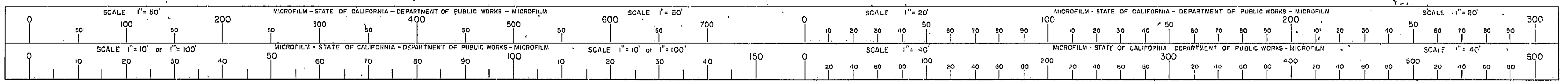
SCALE As noted

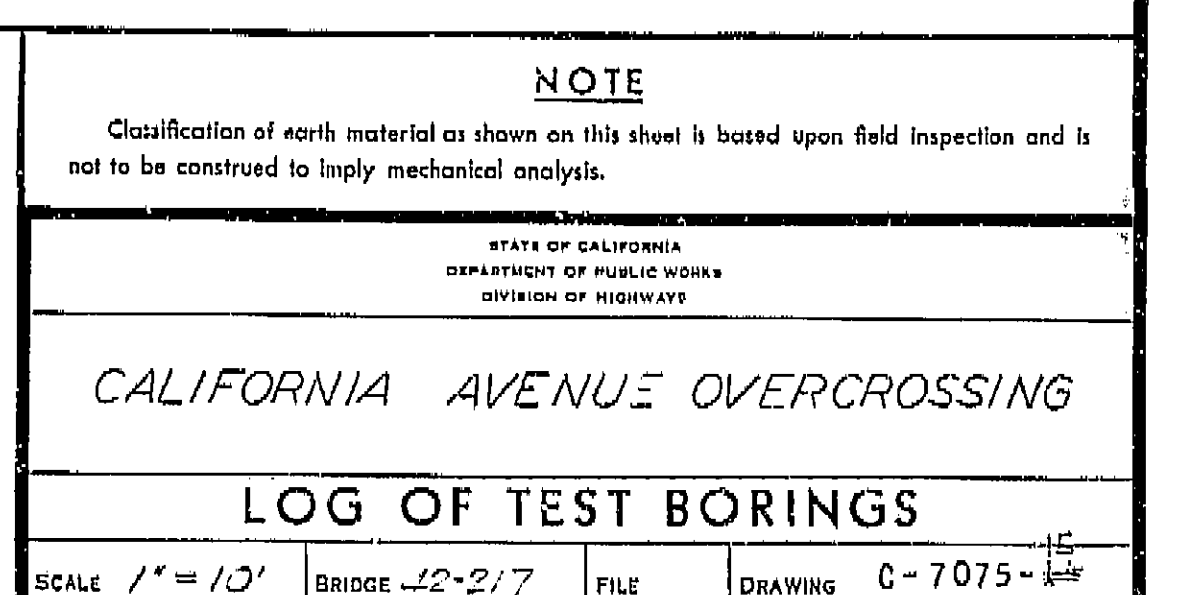
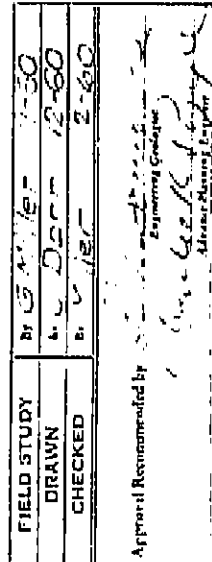
BRIDGE 428217

FILE

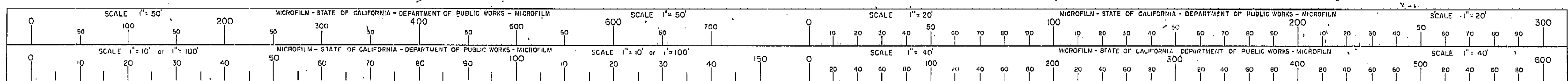
DRAWING C-7075-1

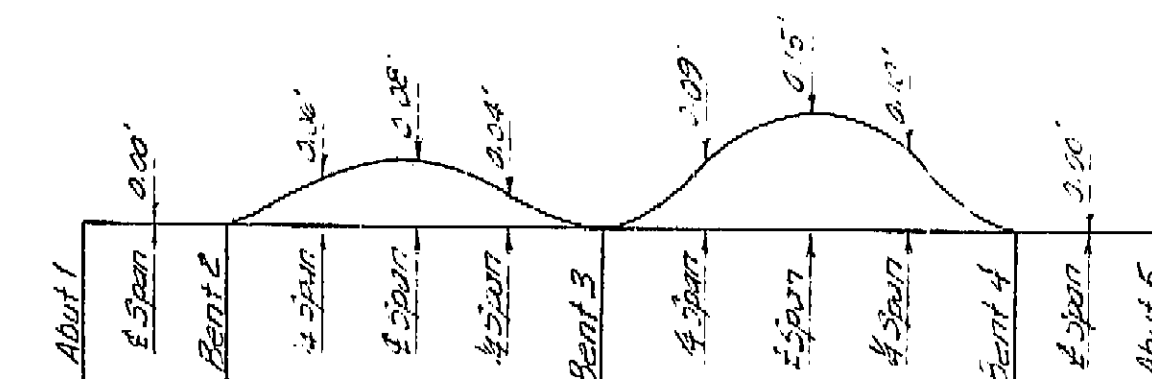
I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.
DATE 8-12-62 SIGNATURE [Signature] TITLE [Title]





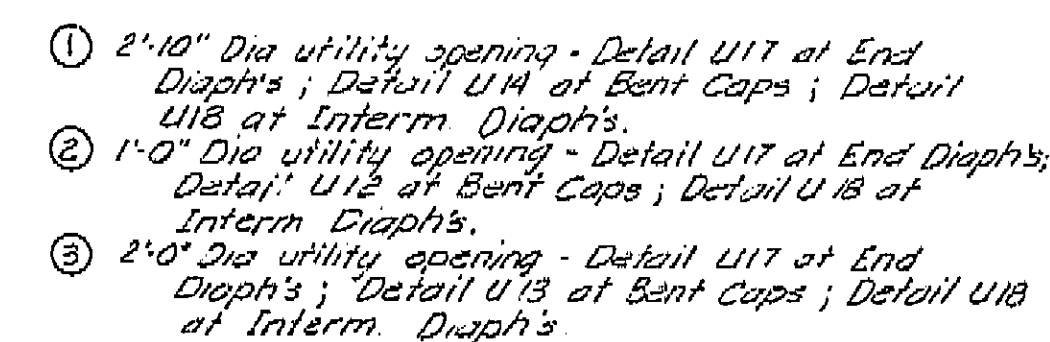
DATE 1-2-72 SIGNATURE [Signature] TITLE Asst. Dir.





Note: The total deflection will be reached about 4 years after falsework removal. For values at time of falsework removal divide those shown by 4. The amount of curbs for construction will be determined by the Engineer.

- (A) - 30" Irrigation Pipe
- (B) - 4" Gas Line in 8" Casing
- (C) - 12" Water Main in 20" Casing
- (D) - 2" Conduit



r @ California Ave
S. 89° 21' 22" E

Note: For details of utility openings not shown see "Standard Utility Detail No 1" sheet.

Diameters of utility openings are measured normal to siders.

Numbers (1) and (2) indicate sequence of placing bottom slab and girder stem concrete.
(2) may be placed simultaneously with (1) when approved by the Engineer, and provided that the (1) sections are placed in the same continuous spans.
Top slab concrete (3) shall be placed separately from (1) and (2). (3) may be placed continuously or in parts as approved by the Engineer, however the only joints permitted shall be located within 24° of the girder joints between (1) and (2).
 $T = \frac{1}{2}$ Span length $U = \frac{1}{4}$ Span length
For any deviation from the above the contractor shall submit a diagram to the Engineer.

Document No. 60001062

BRIDGE DEPARTMENT <h2 style="text-align: center; margin: 0;">DESIGN SECTION</h2> <div style="text-align: right; font-size: 2em; font-weight: bold; margin-right: 20px;">2</div> Project Designer: <u>J. E. Smith</u> Chief Designer: <u>J. E. Smith</u>	STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">DESIGN</td> <td style="width: 30%;">By D.A. Smith ⁹⁶⁰</td> <td style="width: 30%;">Checked R.N. Amick ¹²⁶⁰</td> <td style="width: 20%;"></td> </tr> <tr> <td>DETAILS</td> <td>By K.C. Blechinger ¹⁸⁰⁰</td> <td>Checked R.N. Amick ¹²⁶⁰</td> <td></td> </tr> <tr> <td>QUANTITIES</td> <td>By <u>J. E. S.</u></td> <td>Checked <u>D.P. Ballou</u> ⁵⁶¹</td> <td></td> </tr> <tr> <td>SPECIFICATIONS</td> <td>By</td> <td>Checked Time and Place Compared</td> <td></td> </tr> </table>	DESIGN	By D.A. Smith ⁹⁶⁰	Checked R.N. Amick ¹²⁶⁰		DETAILS	By K.C. Blechinger ¹⁸⁰⁰	Checked R.N. Amick ¹²⁶⁰		QUANTITIES	By <u>J. E. S.</u>	Checked <u>D.P. Ballou</u> ⁵⁶¹		SPECIFICATIONS	By	Checked Time and Place Compared		<h1 style="text-align: center; margin: 0;">CALIFORNIA AVENUE OVERCROSSING</h1> <h2 style="text-align: center; margin: 0;">TYPICAL SECTION & GIRDER LAYOUT</h2>
DESIGN	By D.A. Smith ⁹⁶⁰	Checked R.N. Amick ¹²⁶⁰															
DETAILS	By K.C. Blechinger ¹⁸⁰⁰	Checked R.N. Amick ¹²⁶⁰															
QUANTITIES	By <u>J. E. S.</u>	Checked <u>D.P. Ballou</u> ⁵⁶¹															
SPECIFICATIONS	By	Checked Time and Place Compared															
Approved Recommended by: <u>B. J. [Signature]</u> <small>Division Engineer</small>	Scale: AS NOTED Bridge 42-217 File Drawing C-7075-9																

Disregard prints bearing earlier number

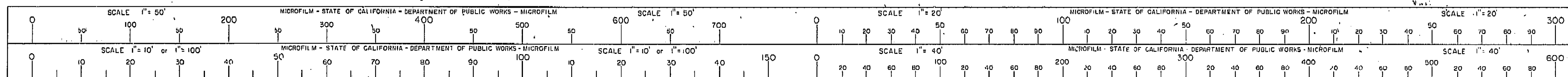
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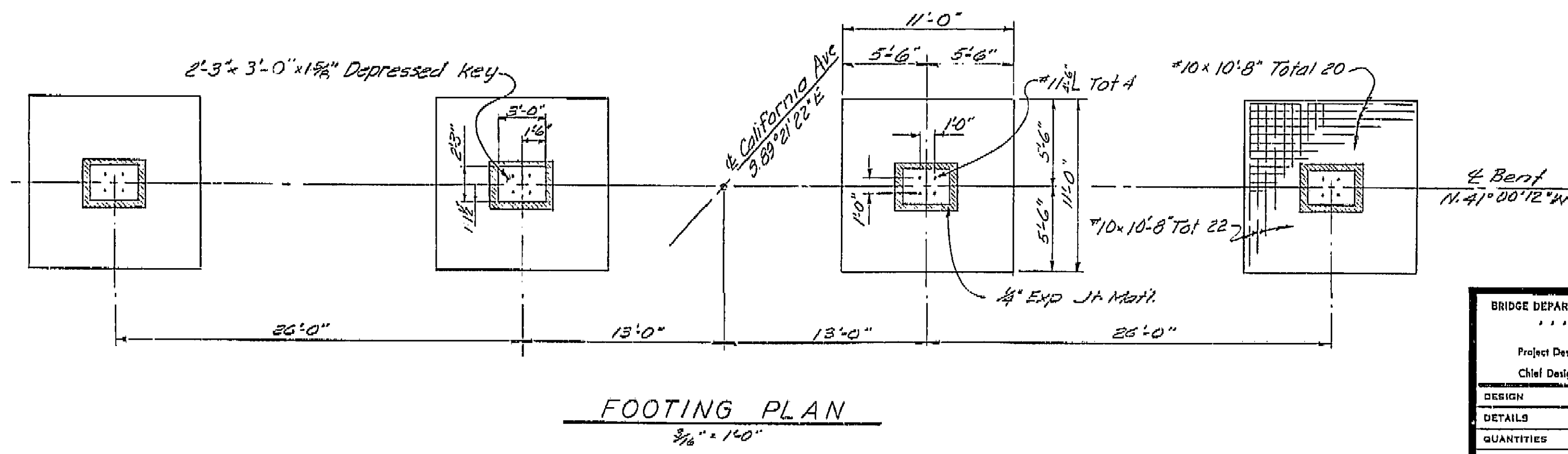
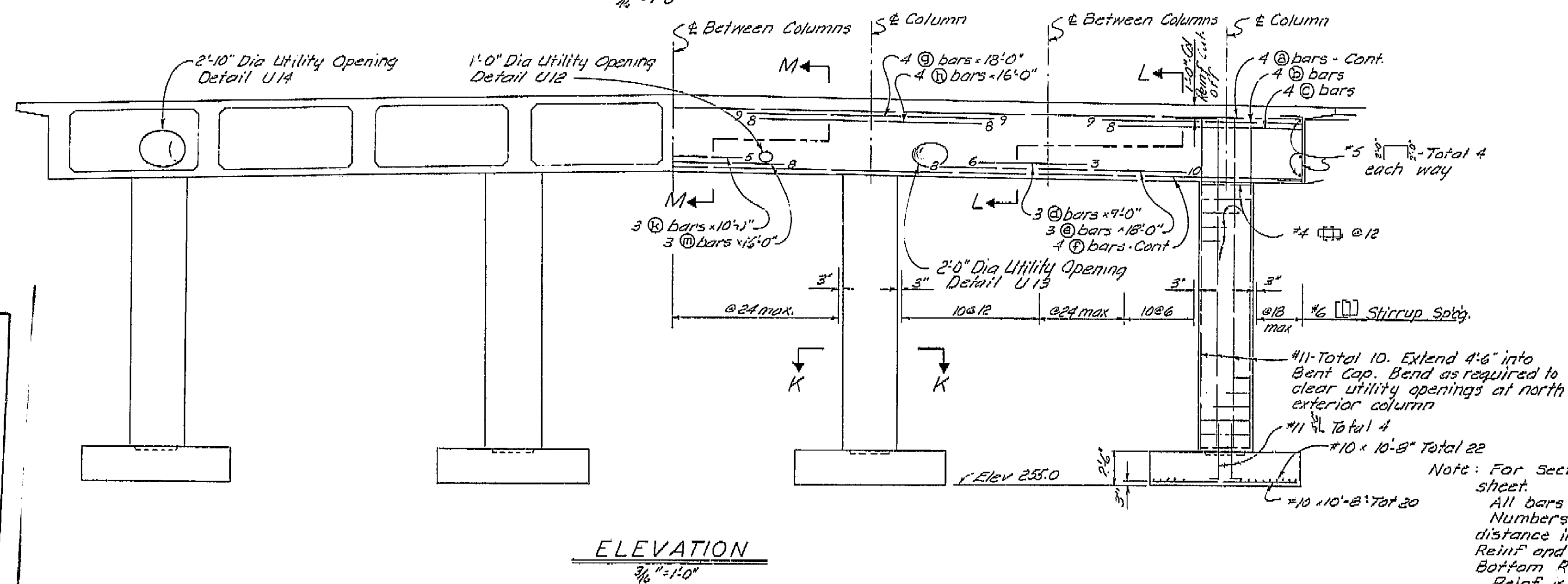
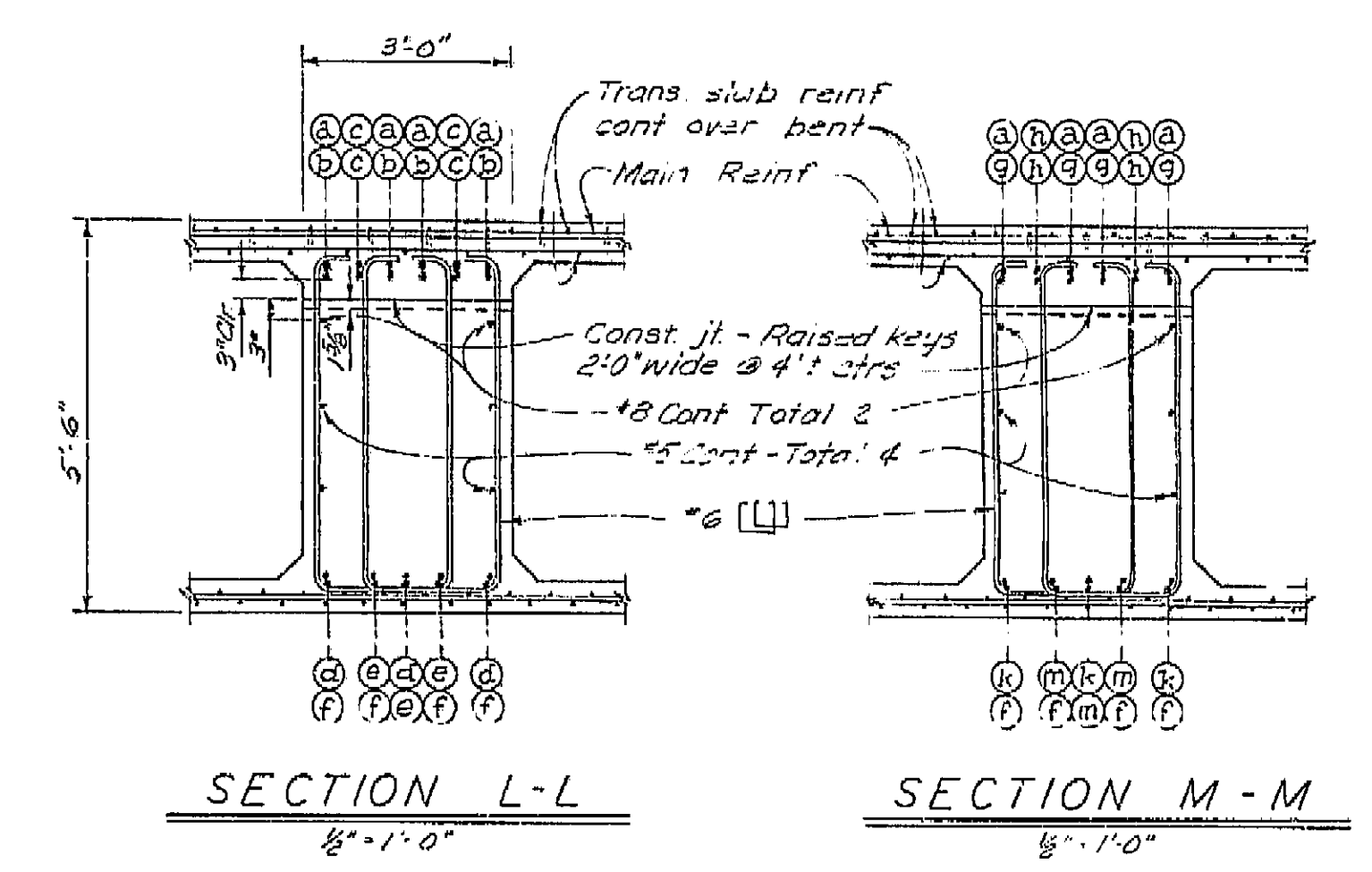
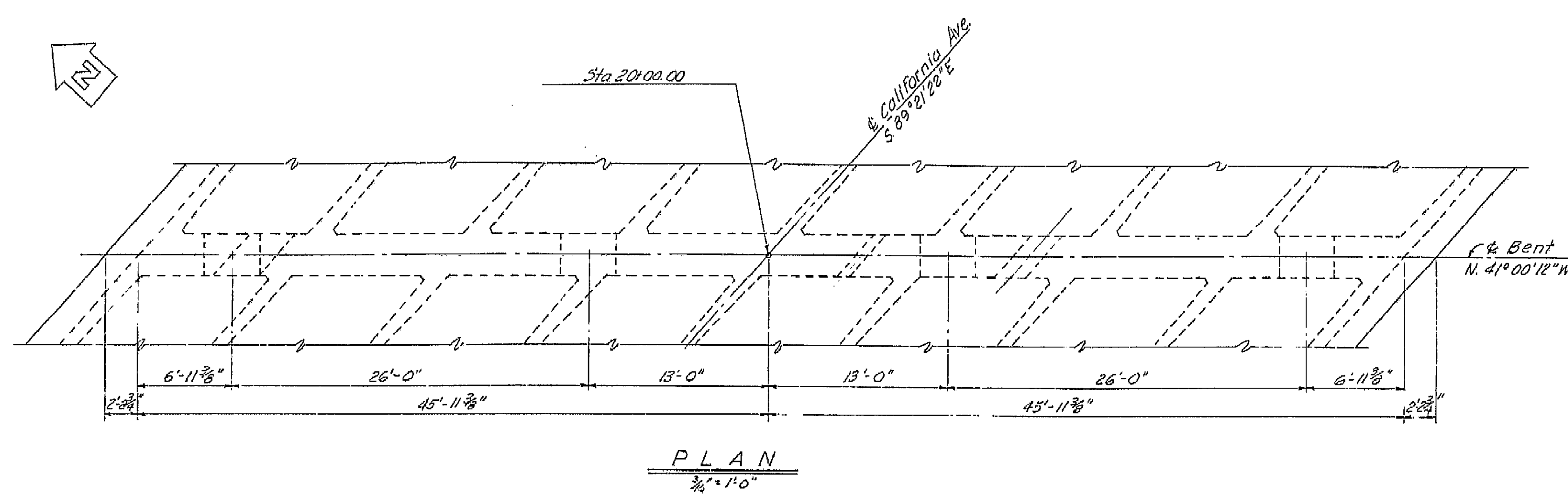
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FILE	DRAWING	C-7075-9
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DATE 1-12-72 SIGNATURE [Signature] TITLE Asst. Dir.



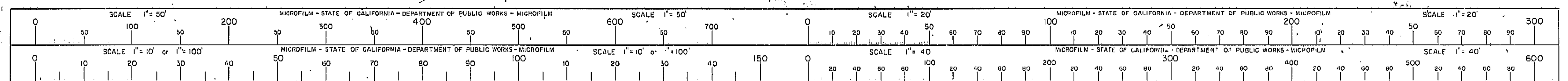


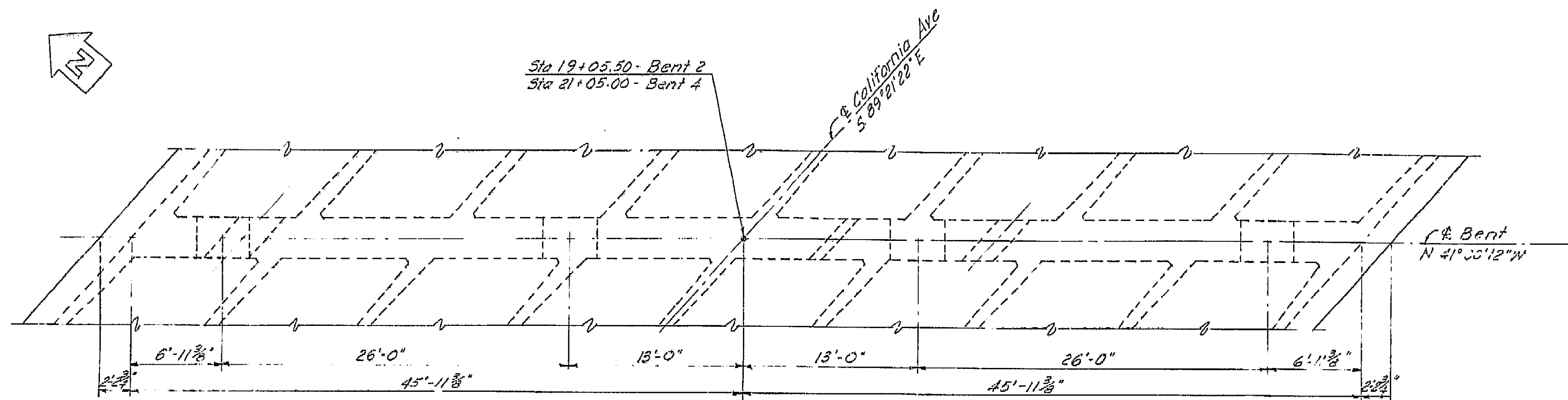
Note: For Section K-K see 'Bent 2 & 4 Details' sheet.
All bars are #11 except as noted.
Numbers at ends of bars in cap indicate distance in feet from # Column for Top Reinf and from # Between Columns for Bottom Reinf.
Reinf is symmetrical about # between interior columns.
For details of utility openings not shown see 'Standard Utility Detail No. 1' sheet.
No splices permitted near # Column for Top Reinf or near # Between Column for Bottom Reinf.

AS BUILT PLANS
Contract No. 62-6713C3
Date Completed
Document No. 60001062

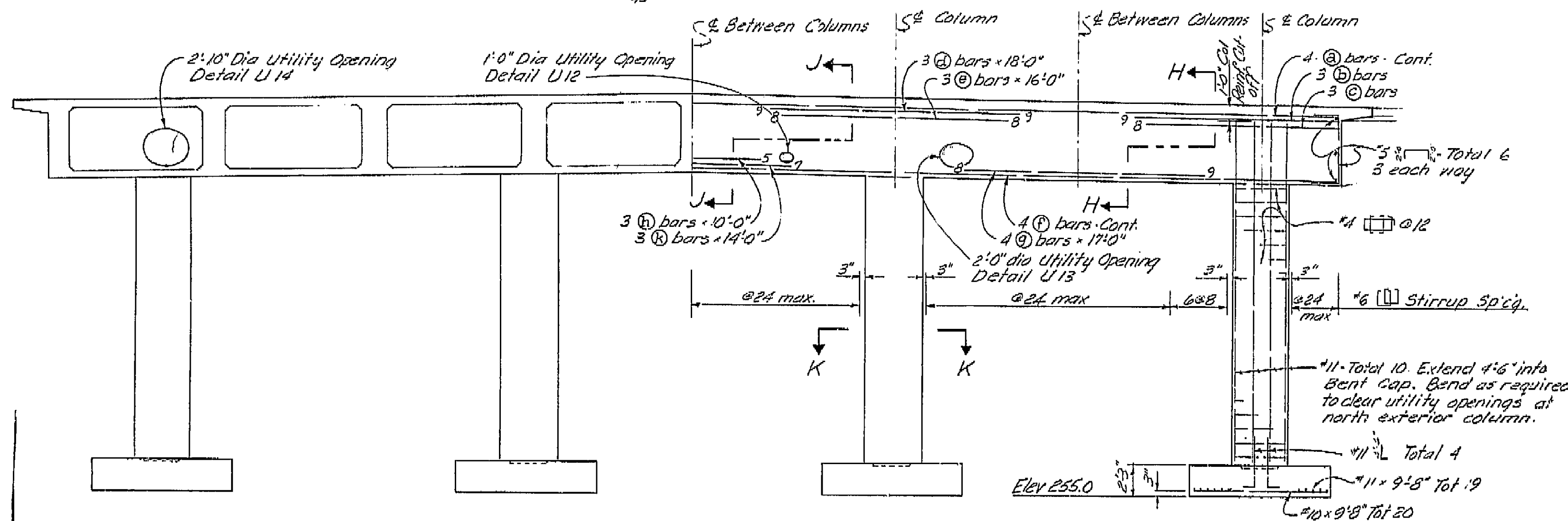
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DESIGN SECTION 2		DEPARTMENT OF PUBLIC WORKS	
Project Designer: [Signature]		DIVISION OF HIGHWAYS	
Chief Designer: [Signature]		CALIFORNIA AVENUE OVERCROSSING	
DESIGN	by D.A. Smith 920	Checked R.N. Amick 1260	BENT 3 DETAILS
DETAILS	by K.C. Blechinger 1060	Checked R.N. Amick 1260	
QUANTITIES	by [Signature]	Checked D.F. Bell 1260	
SPECIFICATIONS	by [Signature]	Checked [Signature]	
Approval Recommended by: [Signature]		Scale: As Noted	
Project Engineer: [Signature]		BRIDGE: 42-217	
FILE		DRAWING C-7075-11	
PREL. DRAWING NO. P. 7075		3/28/62	

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.
DATE 1-12-62 SIGNATURE [Signature] TITLE [Title]

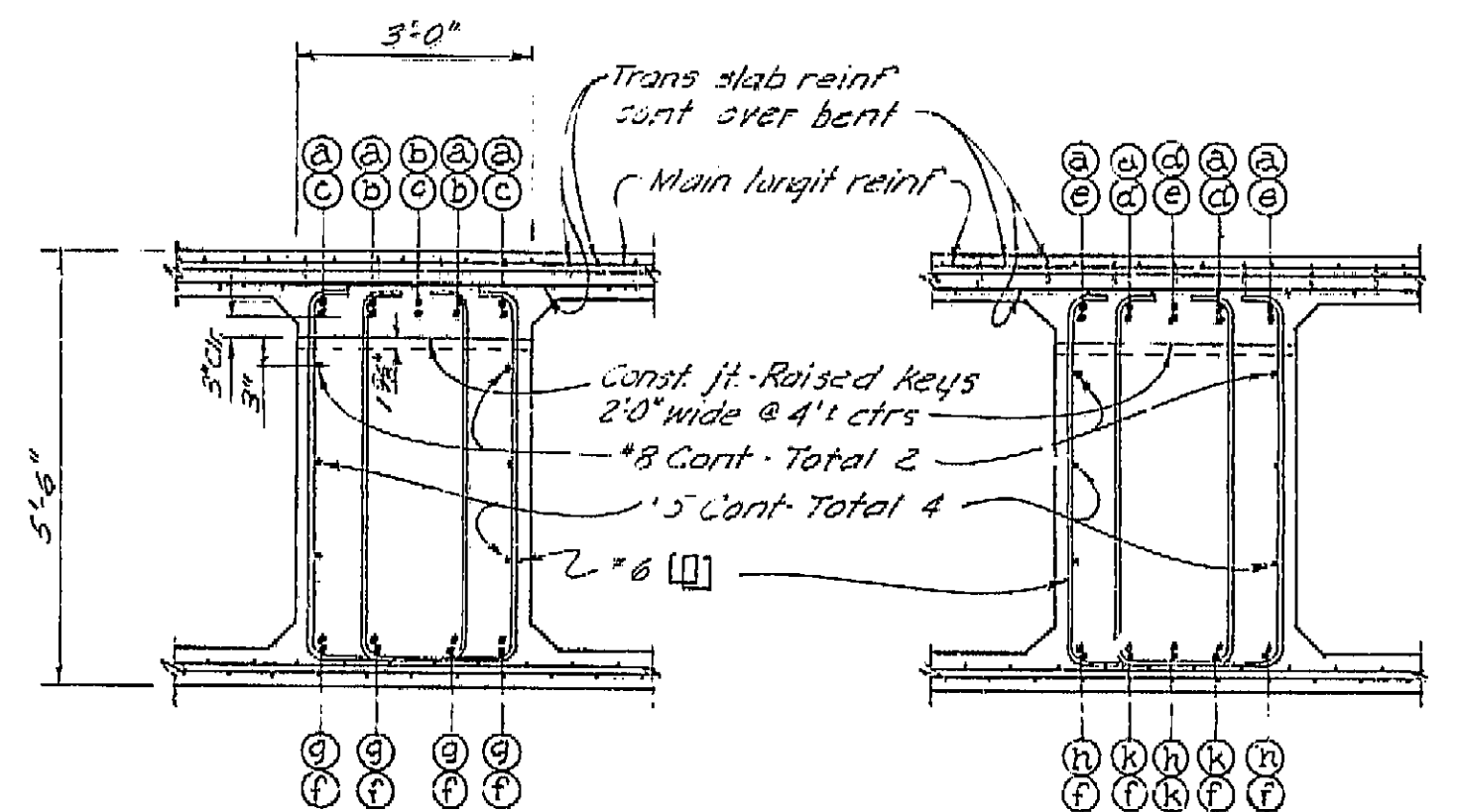




PLAN
3/8" = 1'-0"

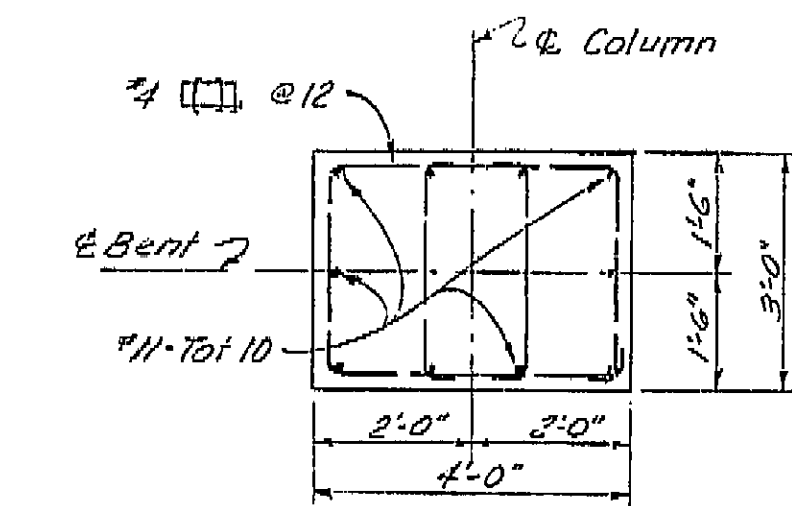


ELEVATION
3/8" = 1'-0"

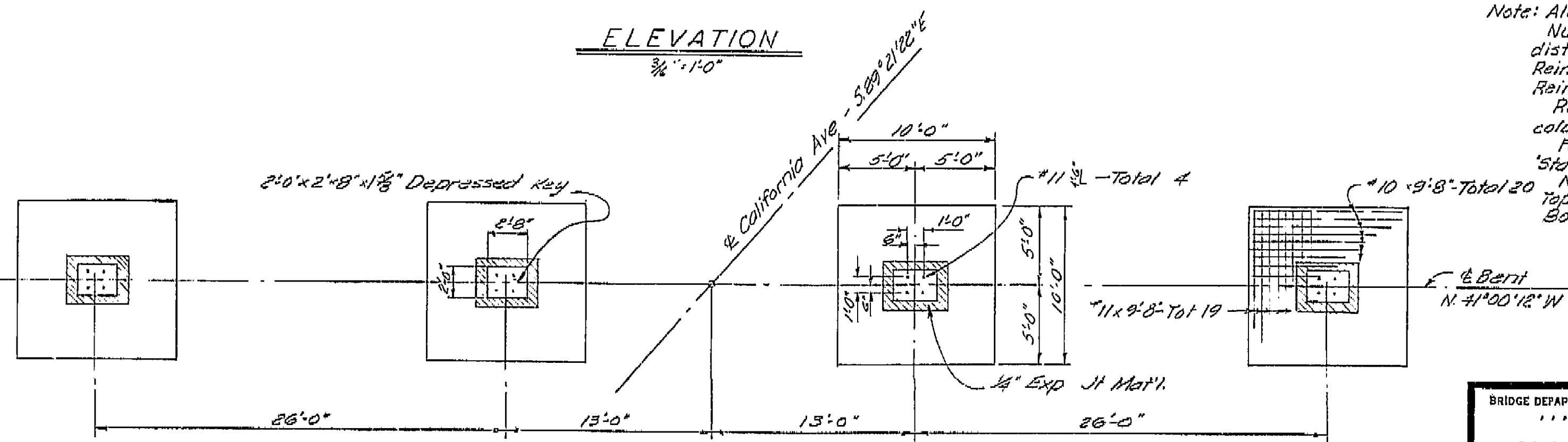


SECTION H-H
1/2" = 1'-0"

SECTION J-J
1/2" = 1'-0"



SECTION K-K
1/2" = 1'-0"



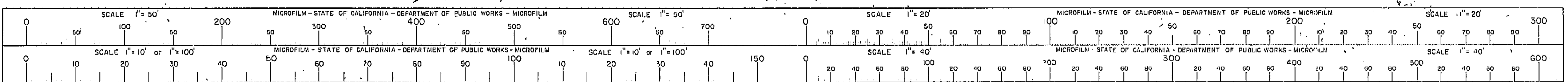
FOOTING PLAN
3/8" = 1'-0"

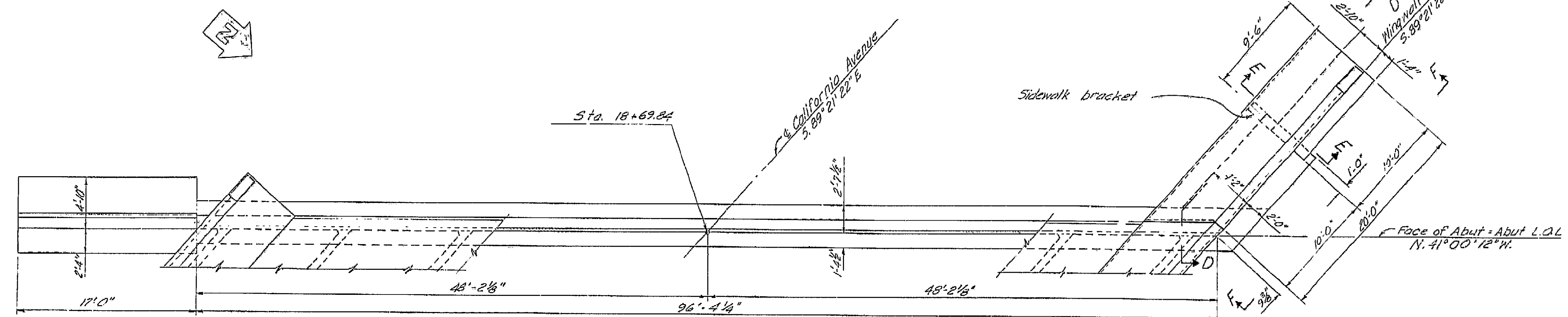
Note: All bars are #11 except as noted
Numbers at ends of bars in cap indicate distance in feet from # Column for Top Reinf and from # Between Columns for Bottom Reinf.
Reinf is symmetrical about # between interior columns
For details of utility openings not shown see "Standard Utility Detail No 1" sheet
No splices permitted near # Columns for Top Reinf or near # Between Cols for Bottom Reinf

BRIDGE DEPARTMENT			
DESIGN SECTION 2			
Project Designer	[Signature]		
Chief Designer	[Signature]		
DESIGN	by D.A. Smith 9-60	Checked R.N. Amos 12-60	
DETAILS	by K.C. Blechinger 10-60	Checked R.N. Amos 12-60	
QUANTITIES	by [Signature]	Checked D.P. Pells 1-61	
SPECIFICATIONS	by [Signature]	Checked [Signature]	
Approval Recommended by	[Signature]		

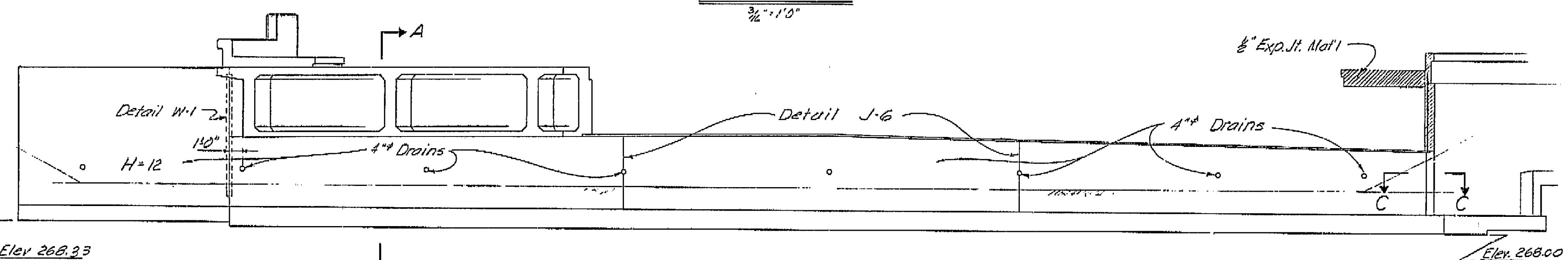
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DEPARTMENT OF PUBLIC WORKS			
DIVISION OF HIGHWAYS			
CALIFORNIA AVENUE OVERCROSSING			
BENT 2 & 4 DETAILS			
SCALE: AS NOTED	BRIDGE 42-217	FILE	DRAWING C-1075-7 1

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.
DATE 1-12-62 SIGNATURE [Signature] TITLE [Title]

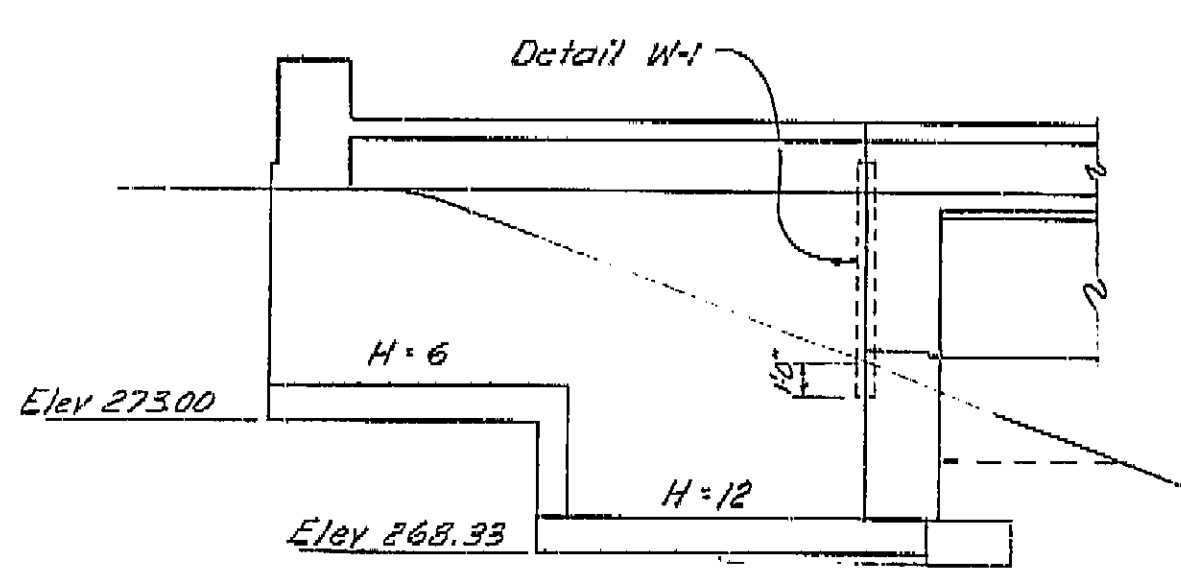




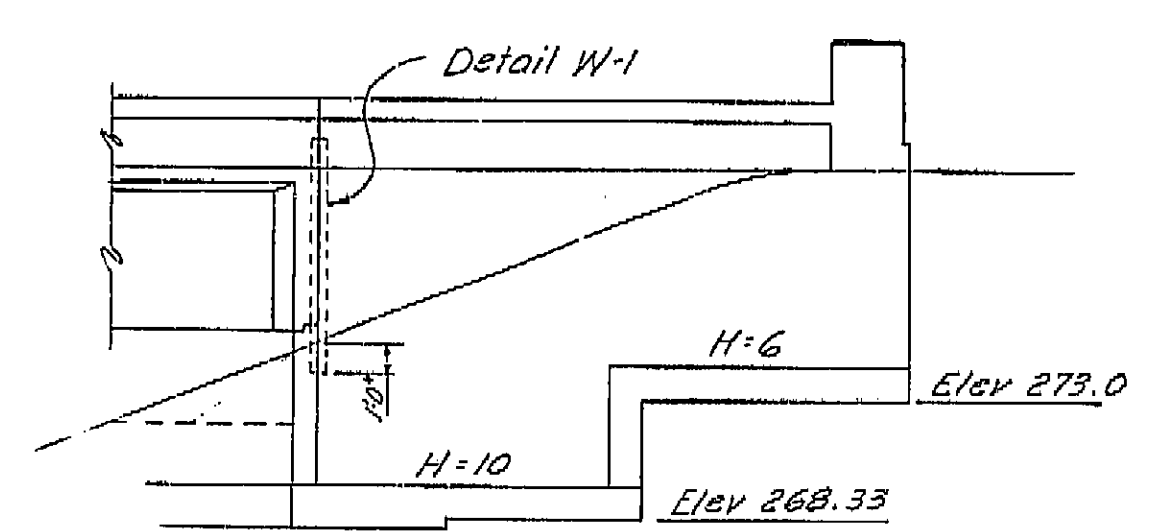
PLAN
3/8" = 1'-0"



ELEVATION
3/8" = 1'-0"



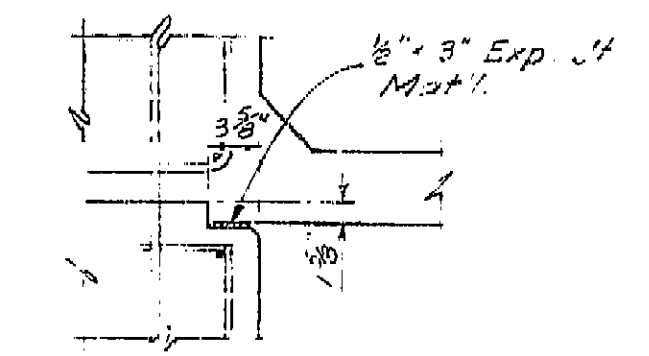
ELEVATION G-G
3/8" = 1'-0"



ELEVATION F-F
3/8" = 1'-0"

Note: For sections C-C, D-D & E-E see "Abutment No. 5 Details" sheet
For Detail J-6 see "Type IA Cantilever Retaining Wall" sheet

Note: For wingwall details not shown see "Type IA Cantilever Retaining Wall" sheet

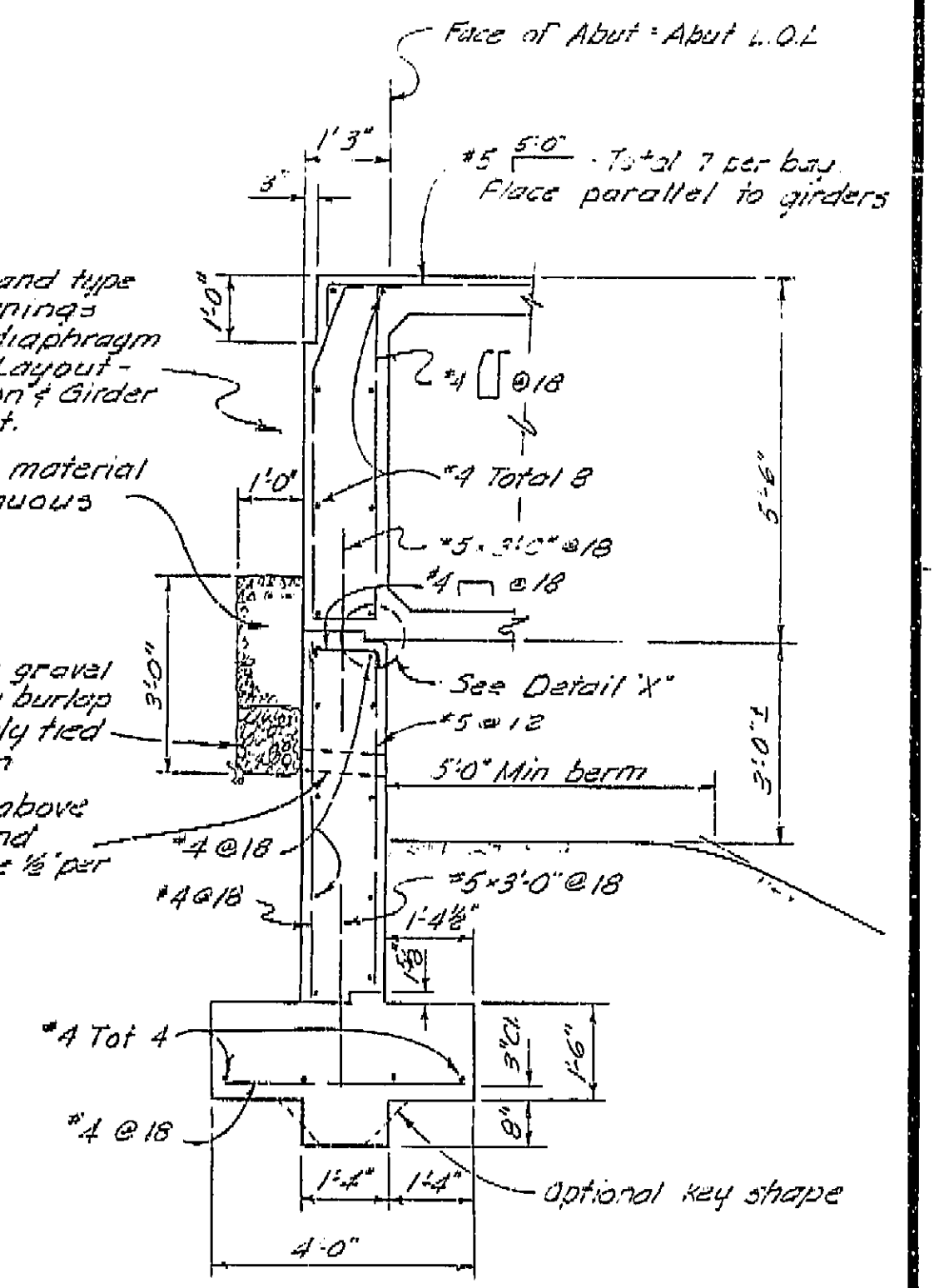


DETAIL "X"
1" = 1'-0"

For location and type of utility openings through end diaphragm see "Girder Layout - Typical Section" & "Girder Layout" sheet.

Pervious material continuous

1 cubic foot gravel backing in a burtop sock, securely tied at each drain
4" Drains 1' above outside ground surface, 5' slope 1/2" per foot.



SECTION A-A
1/2" = 1'-0"

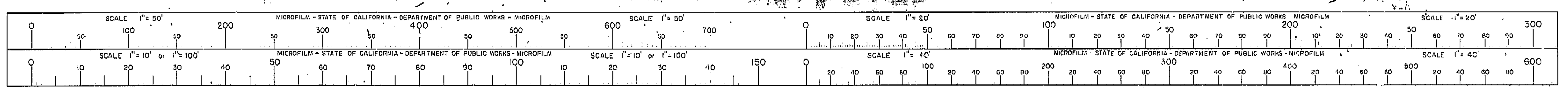
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Contract No. 62-6T13C3
Date Completed
Document No. 60001062

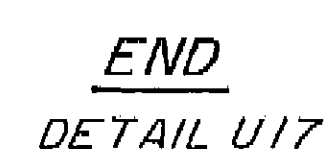
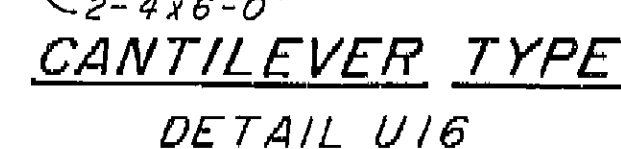
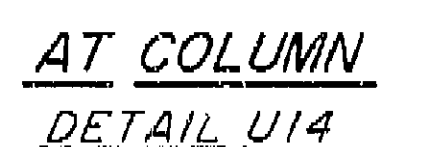
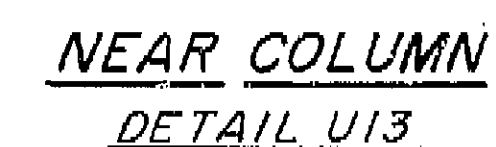
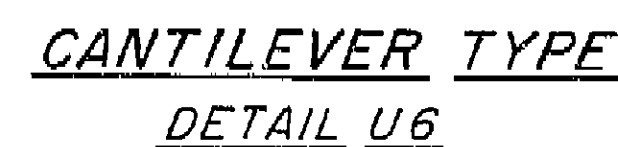
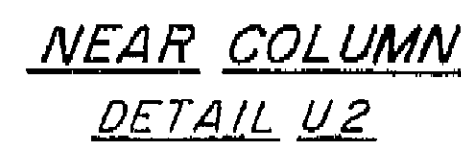
BRIDGE DEPARTMENT		DESIGN SECTION		2	
Project Designer: <i>[Signature]</i>		Chief Designer: <i>[Signature]</i>			
DESIGN	By DA Smith	Check RN Amador	1080	1080	
DETAILS	By KC Blechinger	Check RN Amador	1080	1080	
QUANTITIES	By LLS	Check DP Bickel	361	361	
SPECIFICATIONS	By	Check			
Approval Recommended by: <i>[Signature]</i>		Full Size Drawing No. 9438			

STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS	
CALIFORNIA AVENUE OVERCROSSING	
ABUTMENT No. 1 DETAILS	
SCALE: AS NOTED	BRIDGE: 42-217
FILE	DRAWING C-7075-4

Disregard prints bearing earlier numbers → PREL. DRAWING No. P. 7075 6 19 29 584

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.
DATE 1-12-62 SIGNATURE *[Signature]* TITLE *[Title]*



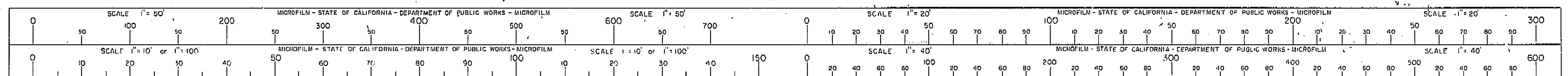


- (1) For exact location and direction of openings see other sheets.
- (2) Location and size of utility openings may be modified as directed by the Engineer, provided minimum dimensions are maintained.
- (3) Girders not shown, see other sheets.
- (4) Seal around utilities at abutments to be of sufficient strength to withstand earth pressure.
- (5) All reinforcement detailed to be placed in addition to reinforcement shown on other sheets.
- (6) Stirrups are same size as adjacent stirrups shown on other sheets.
- (7) Main reinforcement to clear opening as detailed on other sheets.

STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS			
CALIFORNIA AVENUE OVERCROSSING			
STANDARD UTILITY DETAIL NO. 1			
SCALE None	BRIDGE: 42-217	FILE 93-16-49	DRAWING 8-7075-12

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

DATE 1-13-61 SIGNATURE [Signature] TITLE Asst. Dir.



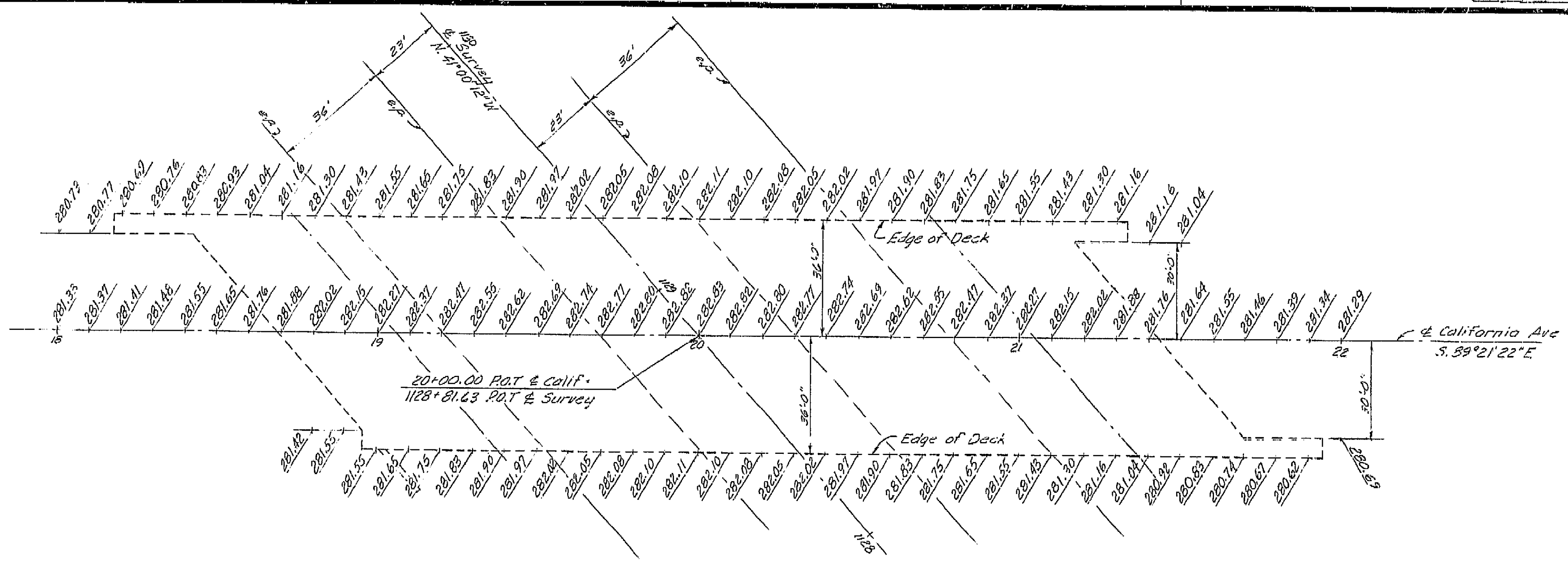
V1 Fre 99

V-006-2 (6)
F-006-2 (3)

FED. ROAD DIST. NO.	STATE	F. A. PROJECT NO.	SHEET NO.	TOTAL SHEETS
7	CALIF.		230	234

DIST.	COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
V1	FRE	99	2	16	

DATE APPROVED August 28, 1961



GENERAL NOTES

Specifications:
Design: A.A.S.H.O. dated 1957 with revisions and as supplemented by Bridge Planning and Design Manual.

Construction: Standard Specifications, Division of Highways, dated January 1960 and the Special Provisions.

Live Loading: H20-S16-44 and alternative

Unit Stresses:
Reinforced Concrete: $f_s = 20,000$ p.s.i.
 $f_c = 10$
 $f_c = 1,200$ p.s.i.

Footing Pressure: $3\frac{1}{2}$ Tons per sq. ft.

Note: Elevations are figured normal to California Avenue at 10' stations. These elevations do not include camber

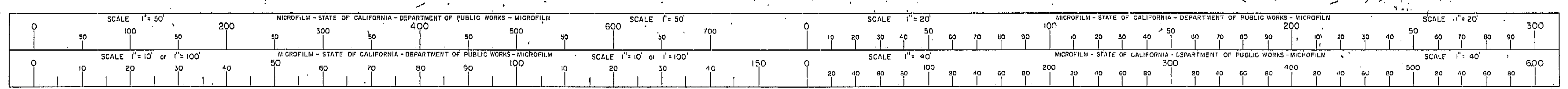
AS BUILT PLANS
Contract No. 62-6T13C3
Date Completed
Document No. 60001062

BRIDGE DEPARTMENT			
DESIGN SECTION 2			
Project Designer: <i>[Signature]</i>			
Chief Designer: <i>[Signature]</i>			
DESIGN	W.D.A. Smith 120	Checked R.H. Amick 120	
DETAILS	W.K.G. Blechinger 120	Checked R.H. Amick 120	
QUANTITIES	W.D.A. Smith 120	Checked J.P. Pollock 120	
SPECIFICATIONS	W.D.A. Smith 120	Checked J.P. Pollock 120	
Approval Recommended by: <i>[Signature]</i> Chief Eng. Review No. 3129			

STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS			
CALIFORNIA AVENUE OVERCROSSING			
GRID OF DECK ELEVATIONS			
SCALE: 1"=20'	BRIDGE: 42-217	FILE	DRAWING C-7075-2
PREL. DRAWING NO. P-1275 3			

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

DATE 1-12-72 SIGNATURE *[Signature]* TITLE *[Title]*

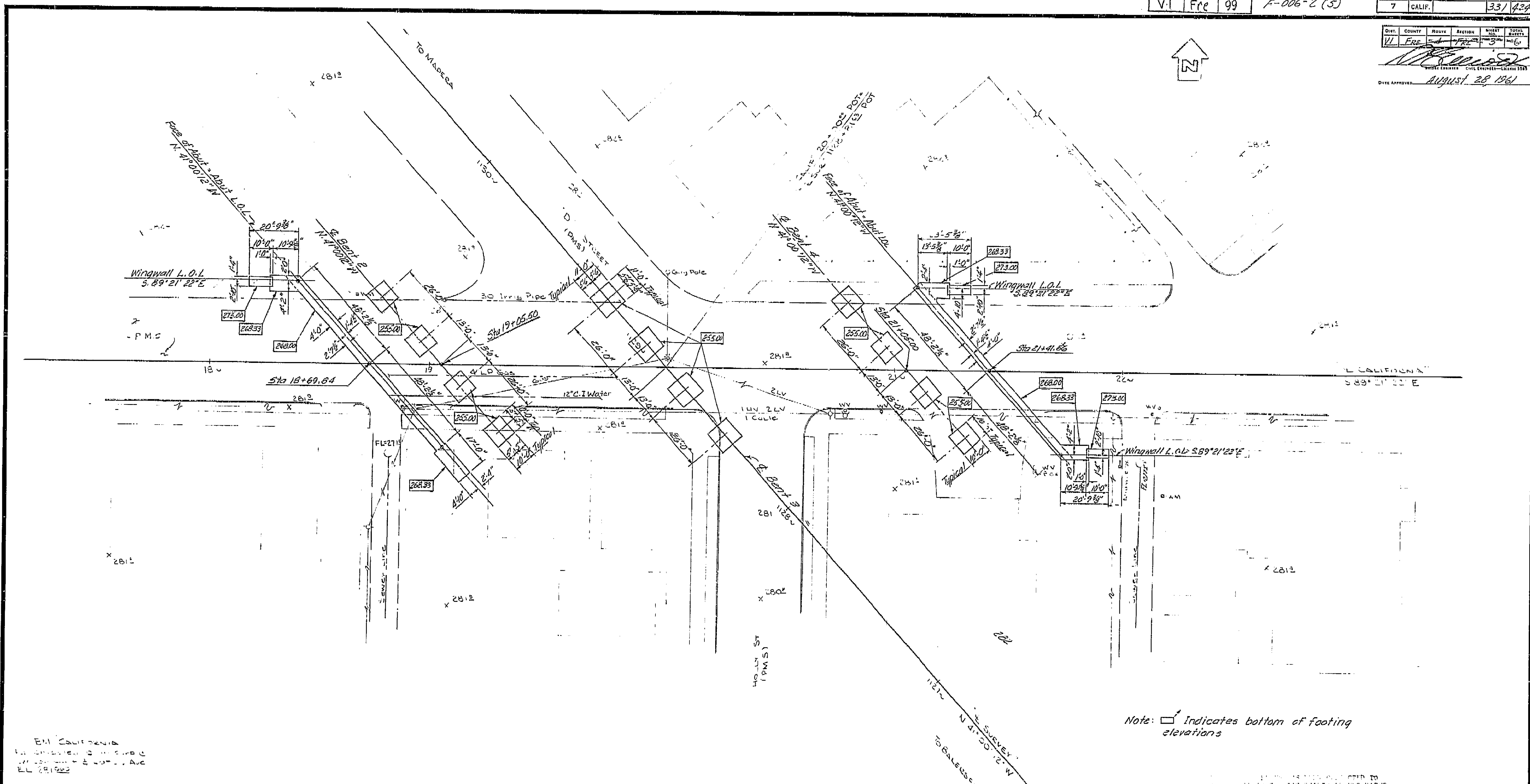


U-006-2 (6)
F-006-2 (5)

FED. ROAD DIV. NO.	STATE	F. A. PROJECT NO.	SHEET NO.	TOTAL SHEETS
7	CALIF.		33	434

DIST.	COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
VI	FRE	2	1	33	434

DATE APPROVED: August 28 1961



Note: Indicates bottom of footing elevations

BM California
1/4" = 1' = 30.48 cm
1/4" = 1' = 30.48 cm
1/4" = 1' = 30.48 cm

AS BUILT PLANS
Contract No. 62-6T13C3
Date Completed
Document No. 60001062

331

LEVEL DATUM: U.S.C. & G.S.
FOR ALIGNMENT THIS SEE PG. 15-1
CONTOURS AT 5' = 10'
SITE PLAN: E.W.M. DISTRICT DATA
SURVEY BY: DIST. H.B. DATE: 8-60
DRAWN BY: J.S. DATE: 8-60
TRACED BY: J.S. DATE: 8-60

BRIDGE DEPARTMENT DESIGN SECTION 2	
Section	W. J. Spalding
DESIGN	by D.A. Smith 3/60
DETAILS	Checked R.N. Amos 12/60 by K.C. Blasinger 10/61 Checked R.N. Amos 12/60
QUANTITIES	by J.J.S. Checked D.P. Pollock 3/61

STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS	
CALIFORNIA AVENUE OVERCROSSING	
FOUNDATION PLAN	
SCALE 1" = 20'	BRIDGE 42-217
FILE 6-42	DRAWING 8-7075-3

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.
DATE 1-12-62 SIGNATURE [Signature] TITLE SR RMO

